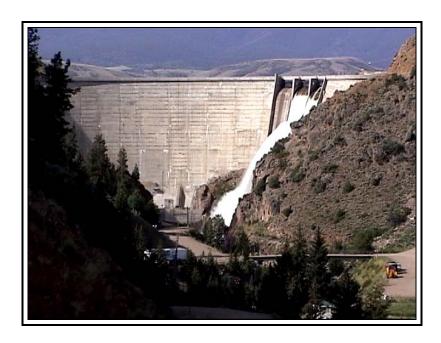
# Williams Fork Reservoir Hydroelectric Project FERC No. 2204

# Volume I Application for License



December 2004



1600 W. 12th Avenue Denver CO 80204

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## Williams Fork Reservoir Hydroelectric Project

**FERC No. 2204** 

**Application for License** 

## Discussion of the Alternative Licensing Process

For City and County of Denver, Acting By and Through its Board of Water Commissioners "Denver Water"

December 2004

## **The Alternative Licensing Process**

On July 2, 2001, the City and County of Denver, acting by and through its Board of Water Commissioners (Denver Water), filed a dual purpose Notice Of Intent (NOI) with the Federal Energy Regulatory Commission (FERC) to either relicense the Williams Fork Reservoir Hydroelectric License, Project No. 2204 (Project) or apply for a small hydroelectric power project exemption. Denver Water made a reasonable effort to contact all resource agencies, Indian tribes, organizations and individuals affected by Denver Water's proposal to gain consensus on the use of the Alternative Licensing Process (ALP) and to gain support on a communications protocol (submitted to the FERC as revised on May 7, 2002).

The National Environmental Policy Act of 1969 (NEPA), the FERC's regulations, and other applicable laws require that the FERC independently evaluate the environmental effects of authorizing the Williams Fork Project as proposed and also consider reasonable alternatives to the proposed action. The FERC staff will ultimately prepare either an Environmental Assessment (EA) or an Environmental Impact Statement (EIS) that describes and evaluates the probable effects, including an assessment of the site-specific and cumulative effects, if any, of the proposed action and alternatives.

Denver Water used the ALP for the relicensing/exemption of the Williams Fork Project and has prepared a Preliminary Draft Environmental Assessment (PDEA) for the FERC's consideration in developing the FERC NEPA document. The ALP will conclude with Denver Water submitting the PDEA for the Williams Fork Project at the same time it files its application for a new license or exemption, on or before December 31, 2004.

The ALP is a cooperative effort to address project-related issues in the PDEA. It encourages greater participation and improved communication among the license applicant, resource agencies, and participating parties. Denver Water's Communications Protocol, which sets forth guidelines for communication and coordination among the parties, has been signed by the U.S. Department of Interior's Fish and Wildlife Service (USFWS) and Bureau of Land Management (BLM), Colorado Department of Public Health and Environment – Water Quality Control Division (CDPHE), Colorado Department of Natural Resources (CDNR), Colorado Division of Wildlife (CDOW), and Trout Unlimited (TU). The ALP is intended to eliminate some of the more duplicative regulatory aspects of the traditional FERC relicensing process.

The NEPA evaluation is supported by a scoping process designed to define the temporal and geographic scope of the evaluation and to ensure that all pertinent issues are identified and analyzed. Denver Water's ALP process included many avenues for resource agency and stakeholder participation. Denver Water issued its Initial Information Package (IIP) and Scoping Document 1 (SD1) for the Project to stakeholders (participating parties) on April 11, 2003. These two documents were developed by Denver Water to initiate formal consultation regarding resource issues that could potentially be affected by the operation of the Williams Fork Project. The IIP and SD1 were designed to present information to support NEPA scoping and the identification and design of study efforts and to satisfy NEPA requirements for preparation of the PDEA and license application. It contained information on the existing project facilities, current

operations, existing environmental and developmental resources, and ongoing programs to manage these resources within the FERC project boundary.

As part of the scoping process, Denver Water conducted a site visit of the Williams Fork Project for interested parties on June 4, 2003. On June 5, 2003, two public Scoping Meetings were held in Kremmling, Colorado, to solicit oral comments and recommendations regarding the Williams Fork Project. Denver Water requested that participating parties attend either or both of the Scoping Meetings to develop a common understanding of the Williams Fork Project, as proposed, and to discuss current and potential resource needs and management objectives for the Williams Fork Project. In addition, participants were asked to help identify data or other needed information, as well as studies needed for the PDEA analysis. Two FERC licensing staff members were present at the Scoping Meetings to provide the FERC's perspective on a number of licensing and environmental issues. In addition to the FERC staff Denver Water representatives, eight individuals representing agencies and other stakeholders attended the afternoon Scoping Meeting and two individuals attended the evening Scoping Meeting. Oral comments were recorded and transcribed by a court reporter and will become part of the FERC's public record for the Williams Fork Project.

Comments on SD1, including resource issues, additional information provided, and requests for environmental studies or information, were due 60 days following the joint Scoping Meeting(s) and site visit. Instructions for filing recommendations for studies, as well as other written comments on SD1 were provided in the SD1 document. Denver Water reviewed all the potential issues raised and revised SD1 to reflect the comments received during the Scoping Meetings and the 60-day comment period. This resulted in the development of Scoping Document 2 (SD2), and the Environmental Study Plan. The Environmental Study Plan outlined the environmental studies to be performed at the Williams Fork Project, the methodologies to be used, and the presentation of study results. The environmental surveys that were identified included an erosion survey, a noxious weed survey, a cultural resources survey, a wildlife habitat survey, and a recreational use survey. These surveys were performed to aid in assessing resources associated with the Williams Fork Project. SD2 and the Environmental Study Plan were distributed to participating parties on April 11, 2004. Distribution of SD2 concluded the Williams Fork Project scoping process.

A majority of the resource surveys were conducted during the 2003 field season except for the recreation survey which continued into and through the 2004 recreation season. The results of the surveys were presented in report form, including maps and photodocumentation. The erosion, noxious weed, cultural resource, and wildlife habitat surveys were sent to the resource agencies and participating parties on June 2, 2004. The recreational use survey resulted in the development of the Recreation Management Plan, which was distributed to the participating parties with the draft PDEA and on October 19, 2004 for a 30-day review.

Once the final license application and PDEA are filed with the FERC, the Commission staff will conduct an independent review to determine if an exemption or new license will be issued.

## Williams Fork Reservoir Hydroelectric Project

**FERC No. 2204** 

**Application for License** 

**Initial Statement** 

For City and County of Denver, Acting By and Through its Board of Water Commissioners "Denver Water"

December 2004

## Before the Federal Energy Regulatory Commission

Application for License for a Major Water Power Project, 5 Megawatts or Less, to be reviewed first as an Application for Exemption of Small Hydroelectric Power Project From Licensing

## **Initial Statement**

- 1. The City and County of Denver, acting by and through its Board of Water Commissioners ("Board") applies to the Federal Energy Regulatory Commission ("Commission") for a license of the Williams Fork Reservoir Hydroelectric Project No. 2204 ("Project"), a small hydroelectric power project that is proposed to have an installed capacity of 5 megawatts or less. Pursuant to 18 CFR 4.33(d)(3), the Board requests that the Commission first review this application to grant a small hydroelectric power project exemption (proposed total capacity is 3.65 MW) from licensing under the Federal Power Act. Should the Commission determine that the Project with the proposed capacity increase does not meet the qualifications for a small hydroelectric power project exemption, Denver Water requests that this application be considered a license application for a Major Water Power Project 5 MW or less at the Project's existing capacity of 3.15 MW. For this dual application framework, Chapter 1 of this submittal provides the contents for the exemption application in accordance with 18 CFR section 4.107 and Chapter 2 provides the contents for the license application in accordance with 18 CFR section 4.61.
- 2. The location of the Project is:

State of Colorado Grand County Near the town of Parshall Located on the Williams Fork River

3. The exact name and address of the applicant are:

City and County of Denver, acting by and through its Board of Water Commissioners 1600 W. 12<sup>th</sup> Avenue Denver, Colorado 80204 303-628-6000

4. The persons authorized to act as agent for the applicant in this application are:

Hamlet J. Barry, Manager or Kevin Urie, Environmental Planner 1600 W. 12<sup>th</sup> Avenue 1600 W. 12<sup>th</sup> Avenue Denver, Colorado 80204 Denver, Colorado 80204 303-628-6500 303-628-5987

5. The applicant is a municipal corporation under the laws of the State of Colorado.

6. Williams Fork Reservoir Hydroelectric Project is currently licensed by the Commission as Project No. 2204, with an expiration date of December 2006.

The Board operates under Article X of the Charter of the City and County of Denver and is competent under such laws to engage in the business of developing, transmitting, utilizing, or distributing power.

For the continued operation of the Project under an exemption from licensing, there are no statutory or regulatory requirements under the State of Colorado that apply to the proposed capacity increase. For the continued operation of the Project under a new license, a Clean Water Act, section 401 water quality certification, issued through the Colorado Department of Public Health and Environment is required. Certification, included in this application, was received by the Board on June 9, 2004.

## 7. Brief Project Description:

- (i) Under the exemption application, the proposed installed generating capacity is 3.65 MW. Under the license application, the proposed installed generating capacity is the currently licensed capacity of 3.15 MW.
- (ii) The Project is located at an existing dam.
- 8. No lands of the United States are affected by the Project.
- 9. If the Commission grants the exemption, Project construction to install additional capacity is planned to start in 2008, and is planned to be completed by 2010. There is no construction associated with the Project if the exemption is not granted and a license is granted.

## VERIFICATION

STATE OF COLORADO	)
	) ss.
CITY AND COUNTY OF DENVER	

H.J. BARRY, being duly sworn, deposes and says that the contents of this application are true to the best of his knowledge or belief. The undersigned Applicant has signed the application this 27<sup>th</sup> day of December 2004.

> CITY AND COUNTY OF DENVER Acting by and through its **BOARD OF WATER COMMISSIONERS**

H.J. Barry Manager

Signed and sworn before me, a Notary Public and for the State of Colorado this 274 day of December 2004.

Witness my hand and seal:

Notary

My commission expires: 2/13/2006

## Williams Fork Reservoir Hydroelectric Project

**FERC No. 2204** 

**Application for License** 

Recipients Of Volumes I and II

For City and County of Denver, Acting By and Through its Board of Water Commissioners "Denver Water"

December 2004

## Recipients of Volumes I and II

Listed below are the recipients of Volumes I and II of the Application for Exemption.

## FEDERAL AGENCIES

Rob Baracker Bureau of Indian Affairs - Southwest 615 First St. SE P.O. Box 26567 Albuquerque, NM 87125

U.S. Department of Agriculture Natural Resources Conservation Service P.O. Box 265 Kremmling, CO 80452

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Ralph Morgenwek Regional Director U.S. Fish and Wildlife Service P.O. Box 25486 (DFC) Denver, CO 80225

Chief US Army Corps of Engineers San Francisco District 333 Market St. Flr 8 San Francisco, CO 94105

Honorable Wayne Allard US Senate Washington, DC 20510

Regional Director Southwest Region US Bureau of Indian Affairs P.O. Box 26567 Albuquerque, NM 87125-6567 Robert E. Rogers
Regional Administrator
US Environmental Protection Agency –
Region 8
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Denver, CO 80202

Brian Person Bureau of Reclamation Eastern Colorado Area Office 11056 W. County Rd. 18E Loveland, CO 80537

Maryanne Bach Regional Director U.S. Bureau of Reclamation Great Plains Region, GP-100 P.O. Box 36900 Billings, MT 59107-6900

Madeline Dzielak or John Arkins Bureau of Land Management Kremmling Field Office P.O. Box 68 Kremmling, CO 80459

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**Buford Rice** 

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Coalition

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Tribal Government Ute Mountain Ute Tribe Mike Wash Road Tribal Complex Towaoc, CO 81334

Southern Ute Tribal Council P.O. Box 737 Ignacio, CO 81137

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## Williams Fork Reservoir Hydroelectric Project

**FERC No. 2204** 

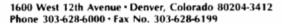
**Application for License** 

Protocol Statement and Signatories to Process

For City and County of Denver, Acting By and Through its Board of Water Commissioners "Denver Water"

December 2004

## DENVER WATER





May 7, 2002

Re: Williams Fork Reservoir Hydroelectric Project, FERC Project No.2204 – Revised Communications Protocol

Dear Interested Entity:

Denver Water is sending a revised copy of the Communications Protocol for the relicensing of the Williams Fork Reservoir Hydroelectric Project. Per request by American Whitewater, Denver Water has added a forth bullet on page 2, paragraph B. "Public Meetings" to clarify Denver Water's intent to provide written documentation of public meetings. The new bullet reads as follows:

 "Denver Water will provide written documentation of public meetings (meeting minutes), followed by a two week public review and comment period. After the two week public review and comment period has concluded, and any corrections or additions to the meeting minutes are made, the meeting minutes will be considered final."

Please replace the Communication Protocol originally sent to you with this revised version.

Sincerely,

Kevin Vrie

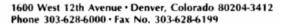
Project Coordinator

Denver Water Department

Cc: Secretary, FERC

Enclosure

## DENVER WATER





May 10, 2002

Magalie R. Salas, Secretary Federal Energy Regulatory Commission 888 First Street, NE Washington, DC 20426

Subject: Williams Fork Reservoir Hydroelectric Project, FERC No. 2204

Transmittal of Denver Water's Revised Communications Protocol

Dear Ms. Salas,

Enclosed is a copy of Denver Water's revised Communications Protocol. Denver Water added a bullet point to paragraph B on page 2 of the original protocol to clarify that Denver Water will provide written documentation of public meetings, followed by a two week public review and comment period. I have faxed a copy of this letter and enclosure to Dianne Rodman and Federal Expressed nine copies of the letter and enclosure to the Office of the Secretary.

If you have questions regarding this transmittal, please contact me at (303) 628-5987.

Sincerely.

Kevin/Urie

Relicensing Project Coordinator

Enclosure (1)

## **Communications Protocol**

# Williams Fork Reservoir Hydroelectric Project FERC Project No. 2204

#### Introduction

The following document provides a guideline for communications and coordination among the interested entities, including the City and County of Denver, acting by and through its Board of Water Commissioners ("Denver Water"), the Federal Energy Regulatory Commission (the "Commission"), agencies, special interest groups, and interested individuals, involved in the preparation of the Preliminary Draft Environmental Assessment ("PDEA") for Williams Fork Reservoir, Project No. 2204.

Denver Water, the applicant, is preparing a PDEA under the Commission's Alternative Licensing Process (the "ALP") and will file it with the Commission when the license application is filed. The PDEA will replace Exhibit E usually required by the Commission in traditional license applications.

Proper communication among all interested entities in this process is critical, and the Commission's ex parte communications regulations (18 CFR 385.2201) apply to this process. This communications protocol will ensure that all information is conveyed among the interested entities in a regular and predictable manner, and that all ex parte communications regulations are followed.

#### Communication Procedures

A. *Public Reference Files*. There will be two public reference files for this project, one with Denver Water and the other with the Commission. The respective addresses of the two public reference files are:

Kevin Urie Planning Division Denver Water Department 1600 W. 12<sup>th</sup> Ave. Denver, CO 80204

Secretary Federal Energy Regulatory Commission 888 First Street, NE Washington, DC 20426

B. *Public Meetings*. There will be at least one public scoping meeting or a paper scoping meeting for this project scheduled for some time in the Spring of 2002. This meeting will

be used as a scoping meeting for the National Environmental Policy Act ("NEPA") process. An additional public meeting will be held to discuss and receive comments on the draft license application and the PDEA. The time and location of these meetings have not yet been determined. These meetings, and any other public meetings that may be held for the Project, shall use the following procedures for notifying the public and all interested entities:

- Denver Water will publish notification of the meeting in the Rocky Mountain News, the Denver Post, the Grand County Tribune and the Summit Daily News two weeks prior to the meeting date;
- Denver Water will provide notification of the meeting to all those interested entities on the project's distribution list, attached hereto; and
- The Commission will notice the meetings in the Federal Register, at least two weeks prior to the meeting date.
- Denver Water will provide written documentation of public meetings (meeting minutes), followed by a two week public review and comment period. After the two week public review and comment period has concluded, and any corrections or additions to the meeting minutes are made, the meeting minutes will be considered final.
- C. *Notices.* Noticing procedures for public meetings are described above. In addition to mailing the PDEA to the project distribution list, the following procedures are to be followed for notifying the public and all other interested entities of the availability of the PDEA:
  - Denver Water will publish a notice of the availability of the PDEA in the Rocky Mountain News, the Denver Post, the Grand County Tribune and the Summit Daily News; and
  - The Commission will notice the availability of the PDEA in the Federal Register.
- D. *Coordination Meetings*. Meetings between those involved in preparing the PDEA (for example, between Denver Water and an agency) may occur on an "as needed" basis. Though these meetings need not be open to the public, the party requesting the meeting shall prepare a detailed summary of the meeting, circulate the summary to all interested entities for comment, and finally place the summary in both public reference files for this Project (see A above). It is not necessary for every agency or group to participate in a given meeting.
- E. *Teleconference Calls*. Teleconference calls between those involved in preparing the PDEA may also occur on an "as needed" basis. A summary of the teleconference call shall be prepared by the party who initiated the call and must be placed in both public reference files for this Project (see A above). If a relevant telephone conversation takes

place between a signatory to this Protocol and an individual who is not a participant, the signatory shall follow this Protocol.

F. Written Communications. All written communications that need to be part of the public record shall be placed in both public reference files for this Project (see A above). Examples of such written communications include comment letters, meeting summaries, teleconference call summaries, progress reports, and any other written information pertinent to this Project. All written communications must have the following clearly displayed on the first page:

## Williams Fork Reservoir Hydroelectric Project (FERC No. 2204).

All written communications must be mailed to both public files. No facsimile communications will be accepted in either file, but electronic documents will be accepted for both public files.

G. *Communications with Commission Staff.* The Commission has determined that its ex parte rules will apply to all communications in this proceeding. Any person may communicate orally with Commission staff during the licensing process. Such communications may concern the procedure or the merits of the process, including preparation of the PDEA, and may take place without prior notice to the other participants. All written communications with the Commission or its staff from any of the participants must be placed in both public reference files for this project (See A above).

With respect to any oral communication with Commission staff, the communication shall be summarized in a written memorandum prepared by the Commission staff member participating in the discussion, or by another participant in the discussion designated by the Commission staff member. The memorandum shall be promptly placed in both public reference files for the project (See A above).

H. *6-Month Progress Reports*. (18 CFR 4.34 (i)(6)(ii)). Following the Commission's acceptance of the use of the ALP and every 6 months thereafter, Denver Water will file a report summarizing the progress made in the pre-filing consultation process, referencing the public file and summaries or minutes from public meetings. Such progress reports shall also be sent to each participant that requests a copy.

Communications Protocol Williams Fork Reservoir Hydroelectric Project, FERC Project No. 2204

The following entity hereby agrees to adhere strictly to the terms of this Communications Protocol for purposes of the Alternative Licensing Process for the re-licensing of the Williams Fork Reservoir Hydroelectric Project, FERC No.2204. The party signing for the entity specifically represents that he or she has the authority to bind that entity to this Communications Protocol.

By:		
		Date
	(Print name and title)	
	(Finit name and title)	
-	(Print agency name, if applicable)	

## Williams Fork Reservoir Hydroelectric Project

**FERC No. 2204** 

**Application for License** 

## **Exhibit A**

Chapter 1

**Description of Project for Exemption** 

For City and County of Denver, Acting By and Through its Board of Water Commissioners "Denver Water"

December 2004

## C1.1 DESCRIPTION OF EXISTING PROJECT WORKS

#### RESERVOIR

Williams Fork Reservoir, near the north end of the Williams Fork Drainage Basin, is located near the intersection of 106 degrees west longitude and 40 degrees north latitude. The drainage basin is 230 square miles in area and ranges in elevation from about 7,800 feet to 13,000 feet. On average, 30 inches of precipitation falls in the upper Williams Fork basin every year. Nearly all of the streamflow in the basin originates from snowmelt. Approximately 60 percent of the precipitation eventually ends up as surface streamflow.

The reservoir has approximately 15 miles of shoreline. The maximum depth of the reservoir is 181 feet when the reservoir is at elevation 7,811 feet. It has a maximum surface area of approximately 1,628 acres and contains 96,822 acre-feet of storage.

#### DAM AND WEST DIKE

The Williams Fork Dam is a concrete arch structure. The concrete dam includes a spillway section, as well as an outlet works and penstock. In addition to the concrete dam, a 2,000-foot long earth dam (west dike) closes off a low saddle on the west side of the reservoir.

Table C1.1.1 - Dam Features{	TC "Table 3.1.1	Dam Features" \f T }

Feature	Description	
Location	Located approximately 100 miles	
	northwest of Denver and about 2 miles	
	south of Parshall, CO.	
Purpose	Municipal Water Supply, Recreation,	
	Hydroelectric Power Generation	
Hazard Classification	High	
Type	209 feet	
Crest Length	670 feet	
Crest Elevation	7814 feet	
Parapet Wall Elevation	7817 feet	
Crest Width	10 feet	

#### **SPILLWAY**

The spillway is a gated, three-bay, overflow section that allows regulation of Williams Fork Reservoir between elevations 7,803 and 7,811 feet. The spillway section located near the left end of the dam consists of three bays each terminating in a dentated bucket. Flow is contained by exterior training walls projected from the

face of the dam and by interior walls between the bucket curves. Three radial gates located at the left, center, and right positions are driven by an electrified hoist. Each gate is 8 feet, 3-inches high by approximately 24-feet long.

Each of the spillway gates can be operated at the crest either manually or electrically, as well as by remote control from the powerhouse. A gasoline-powered engine generator provides back-up power to the gate hoists.

The spillway gates are protected from possible debris by trashracks installed in front of the gates.

The spillway capacity was reviewed pursuant to Part 12 of the FERC regulations. The periodic safety inspection report submitted to the FERC in 1999 found the spillway to have adequate capacity to pass a probable maximum flood (PMF) based on site-specific meteorology and has a flood peak of 16,855 cfs and a 50-hour volume of 14,097 acre-feet. When passing the PMF, the concrete dam has 2.6 feet of freeboard, while the west dike has 4.6 feet of freeboard.

**Table C1.1.2 - Spillway Features** { TC "Table 3.1.2 Spillway Features" \f T }

Feature	Description		
Type	Overflow		
Crest Elevation	7,803 feet		
Length	73 feet, 9 inches hydraulic length		
Control	Three Radial Gates:		
	<u>Left Gate</u> – 24 feet, 4 inches wide x 8 feet,		
	3 inches high		
	Center Gate - 23 feet, 9 inches wide x 8 feet,		
	3 inches high		
Right Gate - 25 feet, 8 inches wide x 8 feet,			
3 inches high			
Gate Hoist	1.5 Hp Electric Hoist and Manual Ratchet		
	Wrench		
<b>Gate Control Location</b>	Electrically at Control Cabinet on Dam		
	Crest, Manually from Dam Crest, and		
	Remotely from Electrical Control Board in		
	Powerhouse		
Discharge at Maximum			
Water Elevation	6,670 cfs at 7,814.4 feet		

#### INTAKE

Two separate intakes, one for the powerhouse penstock and one for the river outlet works, are used at the Williams Fork Dam.

A reinforced concrete penstock intake on the face of the dam is protected by steel, vertical-bar, multi-panel trashracks with a vertical bar clear space of 1-5/8 inches. A 7-foot by 5-foot fixed wheel penstock gate releases water into a 66-inch diameter steel penstock that extends from the intake down to the powerhouse. The fixed wheel gate is hydraulically operated from the crest of the dam, as well as by remote control from the powerhouse. The butterfly valve is electrically actuated and locally operated, as well as by remote control from the powerhouse.

The river outlet works intake, also on the face of the dam, is protected by a steel vertical-bar trashrack with a vertical bar clear space of 5 inches. This intake is provided with a vertically positioned slide gate that is normally open, but it can be manually closed from a gate-lift platform on the face of the dam only when the reservoir elevation is below 7,705 feet. A 54-inch diameter steel embedded pipe conveys water to the outlet works valves. Outlet releases are controlled at the downstream face by a 54-inch pivot valve; 24-inch and 36-inch cone guard valves on a wye branch; and two 30-inch hollow jet regulating valves.

#### **POWERHOUSE**

The powerhouse is a multi-level concrete structure approximately 66-feet long by 30-feet wide and 60-feet high located at the toe of the dam. It houses a vertical axis turbine generator and electrical switchgear and controls.

Maintenance and servicing of the equipment in the powerhouse is facilitated by a newly refurbished overhead traveling bridge crane. The electrified crane has a capacity of 15 tons.

A draft tube bulkhead gate approximately 12-feet wide by 4-feet high is stored in a gate slot above the opening. The gate hoist is manually operated.

#### **TAILRACE**

The powerhouse and river outlets combine in the tailrace or outflow channel, formed by the rock of the streambed excavated beyond the dam. The tailrace discharges into the Williams Fork River.

### C1.2 EXISTING TURBINE/GENERATOR UNIT

The powerhouse contains one vertical-axis, 4,250 Hp, Francis turbine that drives a generator rated at 3158 KVA, O.95 PF, under a net head of 192 feet. The turbine wicket gates are controlled using a servomotor and hydraulic governor system. Governor oil pressure is supplied with dual pumps mounted on a hydraulic power unit (HPU). At a maximum head of 192 feet, the turbine discharges 220 cfs.

In 2001, the hydro turbine equipment was refurbished. The work consisted of furnishing and installing a more efficient runner, new wicket gates, bushings, and other associated parts. Performance curves for the new runner are included (**Figure C1.2.1**).

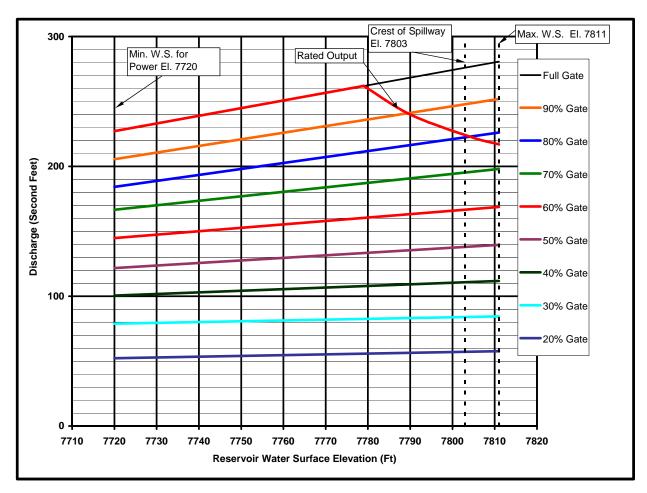


Figure C1.2.1 - Williams Fork Hydro Turbine Performance Curves{ TC "Figure 3.1.1.1 Williams Fork Hydro Turbine Performance Curves" f }

The turbine is directly connected to a vertical shaft air-cooled generator. The generator is rated at 4,160 volts, 3-phase, 60 Hz, 450 rpm. The main power transformer is rated at 3750 KVA, 24.9 KV – 4160 V. Grounding of the generator is accomplished through a high resistance grounding system utilizing a 10k VA grounding transformer rated at 2400/4160~V-120/240~V, with protection by a 59N Generator Ground Fault Over-voltage Relay.

**Table C1.2.1 - Turbine/Generator Features** { TC "Table 3.1.3

Turbine/Generator Features" \f T }

Feature	Description	
TURBINE		
Number of Units	1	
Туре	Vertical-axis Francis	
Original Manufacturer	Leffel	
Refurbishment Manufacturer	American Hydro	
Rated Capacity at 192 ft. of head	4,250 Hp	
Rated Flow	220 cfs	
Rated Head	192 feet	
Speed	450 rpm	
Water Supply	Williams Fork Reservoir	
Discharges to	Williams Fork River	
GENERATOR		
Туре	Synchronous	
Manufacturer	Electric Machinery	
	Manufacturing Company	
Rated Capacity	3,158 KVA	
Power Factor	0.95	
Voltage	4,160 Volts	
Speed	450 rpm	
GOVERNOR		
Type	Hydraulic	
Manufacturer	Woodward/Struble Fluid	
	Power Systems	
PRODUCTION		
Average Annual Generation	10,722 MWh	

Controls for the generator reside inside the powerhouse were they are interfaced with supervisory equipment to provide local manual, local automatic, and remotely through a computerized graphical user interface.

# ADDITIONAL MECHANICAL, ELECTRICAL, AND TRANSMISSION EQUIPMENT APPURTENANT TO THE PROJECT

The electrical switchgear and control equipment inside the powerhouse was replaced in 2002/2003. The work included new grounding equipment, excitation system, governor and hydraulic power unit upgrade, 300 KVA station power transformer, low

voltage motor control center, medium voltage control center and controllers, generator control panel, protective relaying system, 125 VDC battery system, outlet works valve operators, and miscellaneous conduit and wiring.

### **SWITCHYARD**

The switchyard is located on the right side (East) of the dam at the toe. The switchyard contains a main power transformer, oil circuit breaker, normal station power transformer, standby station power transformer, and transmission line take-off structure. Power is generated at 4160 V and is stepped up to 25,000 V for transmission at the main power transformer.

The oil circuit breaker and all transformers sit inside concrete oil containment curbs.

**Table C1.2.2 - Switchyard Features** TC "Table 3.1.4 Switchyard Features"

 $\{f T\}$ 

Feature	Description
Location	On Right Side of Dam at Toe
Size	60 feet x 40 feet
Indoor Switchgear (MV Controllers)	60 KV (BIL), 1,000A –
	Horizontal, 800A - Vertical
Main Power Transformer	3750 KVA, 24.9 KV – 4160 V,
	3-phase
Circuit Breaker	25 KV Oil Circuit Breaker
Transmission Take-off Structure	Steel Lattice Tower
Standby Station Power Transformer	500 KVA, 24.9 KV – 480V,
-	3-phase
Station Power Transformer	300 KVA, 4160 V – 480 V,
	3-phase

#### TRANSMISSION LINES

25 KVA transmission lines owned by Mountain Parks Electric connect from the Williams Fork switchyard to the Troublesome Tap substation.

## C1.3 PROPOSED GENERATING UNIT

Denver Water proposes to install a small 500 kW hydroelectric unit that would increase generation capacity at the existing Project. The total combined capacity of the Project with the addition of the smaller unit would not exceed 5 MW.

The smaller unit will be of a vertical Francis design and have a generation capacity of 500 kW. The unit will be designed to capture lower flows (under 70 cfs) and excess higher flows (greater than 220 cfs at rated head of 192 feet and greater than 260 cfs at 160 feet of head) released from the dam that are currently not captured by the existing 3.15 MW unit.

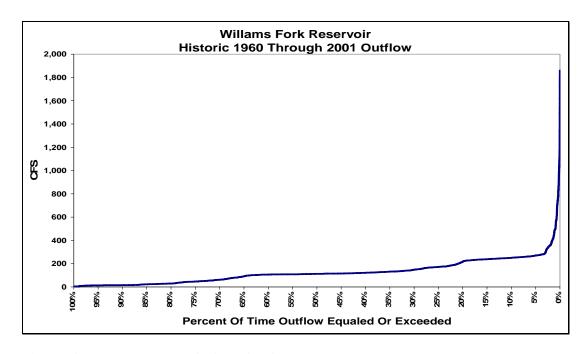
## C1.4 TYPE OF SMALL HYDROELECTRIC POWER PROJECT

Both the existing 3.15 MW unit and the proposed smaller 500 kW unit are of a vertical Francis design.

## C1.5 HYDROELECTRIC OPERATIONS

The Williams Fork Hydroelectric Project is operated as part of Denver Water's raw water collection and storage system. The Project will not be used for peaking purposes.

## C1.6 FLOW DURATION



**Figure C1.6.1 – Percent of Time Outflow Equaled or Exceeded** TC "Figure 4.7.8 Percent of Time Outflow Equaled or Exceeded" \f F \}

The installed hydraulic capacity of the existing Project (220 to 260 cfs) exceeds the outflow present more than 25% of the time.

The proposed smaller unit will be designed to capture lower flows (under 70 cfs) and excess higher flows (greater than 220 cfs at rated head of 192 feet and greater than 260 cfs at 160 feet of head) released from the dam that are currently not captured by the existing 3.15 MW unit.

# C1.7 ESTIMATES OF ANNUAL GENERATION, HYDRAULIC HEAD, HYDRAULIC CAPACITY, AND RESERVOIR SIZE

## Estimated annual energy production, Hydraulic Head and Capacity

Unit	Annual Energy Production	Average Head	Design Head	Hydraulic Capacity
Existing 3.15 MW Unit	10,722 MWh	185 ft.	192 ft.	220 cfs at 192 ft., 260 cfs at 160 ft.
Proposed 500 kW Unit*	847 MWh	150 ft.	150 ft.	60 cfs

<sup>\*</sup>Proposed 500 kW unit has a higher setting than the existing unit.

#### POWER PLANT CAPABILITY CURVE FOR EXISTING PROJECT

A graph of generator output (kW) vs. reservoir elevation (ft.) at various wicket gate openings is included as **Figure C1.7.1**.

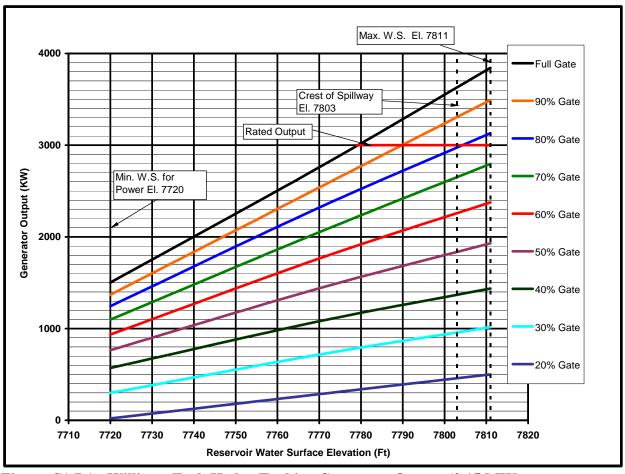


Figure C1.7.1 - Williams Fork Hydro Turbine Generator Output (3.15 MW){ TC

## "Figure C.1.7.1 Williams Fork Hydro Turbine Generator Output" \f F \}

#### **RESERVOIR SIZE**

The Williams Fork Reservoir has a maximum surface area of approximately 1,628 acres and contains 96,822 acre-feet of storage. The maximum depth of the reservoir is 181 feet when the reservoir is at elevation 7,811 feet.

#### C1.8 PROPOSED CONSTRUCTION SCHEDULE

The proposed construction schedule for the smaller 500 kW unit is to start construction in 2008 and complete all work by 2010.

#### **C1.9** MODIFICATIONS OF DAM FACILITIES FOR PROPOSED **SMALLER 500 KW UNIT**

Flow and head for the smaller unit would be derived from the existing 66-inch diameter penstock. A connection to the penstock would be made on a section of piping after it exits the downstream face of the dam and before the existing turbine inlet.

The smaller unit would be located adjacent to the existing powerhouse inside the river outlet works structure and would discharge into the same tailrace as the existing hydro turbine via a weir box.

The vertical Francis turbine would include a spiral case, stay vanes, runner, draft tube, wicket gates, operating ring, servomotor and hydraulic power unit as manufactured by Canadian Hydro Components, Alstom, VA Tech or equal.

The smaller unit will be equipped with a 4160 volt generator. The existing 3750 KVA main power transformer has enough capacity to also serve the new 500 kW generation load.

The addition of the small unit is expected to have minimal, if any, impact on the surrounding Project area.

The normal maximum surface area and normal maximum surface elevation of the existing reservoir will not change before and after the construction of the smaller unit.

# Williams Fork Reservoir Hydroelectric Project

**FERC No. 2204** 

**Application for License** 

## **Exhibit A**

Chapter 2

**Description of Project for Relicense** 

For City and County of Denver, Acting By and Through its Board of Water Commissioners "Denver Water"

December 2004

# C2.1 NUMBER OF GENERATING UNITS See Exhibit A, Chapter 1 – C1.2 C2.2 TYPE OF SMALL HYDROELECTRIC POWER PROJECT The existing 3.15 MW unit is of a vertical Francis design. C2.3HYDROELECTRIC OPERATIONS See Exhibit A, Chapter 1 – C1.4 C2.4ESTIMATE OF ANNUAL GENERATION See Exhibit A, Chapter 1 – C1.6 C2.5ESTIMATED AVERAGE PLANT HEAD See Exhibit A, Chapter 1 – C1.6 **C2.6 RESERVOIR SIZE** See Exhibit A, Chapter 1 – C1.6 C2.7ESTIMATED HYDRAULIC PLANT CAPACITY See Exhibit A, Chapter 1 – C1.5 and C1.6 **C2.8 DESCRIPTION OF EXISTING PROJECT WORKS** See Exhibit A, Chapter 1 – C1.1 C2.9 ESTIMATED PROJECT COST See Exhibit E. VI. DEVELOPMENTAL ANALYSIS C2.10ESTIMATED CAPITAL AND O&M COSTS See Exhibit E. VI. DEVELOPMENTAL ANALYSIS C2.11PURPOSE OF PROJECT See Exhibit E. II. PURPOSE OF ACTION AND NEED FOR POWER C2.12ESTIMATED COST TO DEVELOP LICENSE APPLICATION See Exhibit E, VI. DEVELOPMENTAL ANALYSIS

ESTIMATED VALUE OF PROJECT POWER

See Exhibit E, VI. DEVELOPMENTAL ANALYSIS

C2.13

# C2.14 ESTIMATED VALUE OF PROJECT GENERATION DUE TO CHANGE IN OPERATIONS

Denver Water is not proposing to change Project operations under the new license that would result in a change in the generation levels or values.

# C2.15 REMAINING UNDERDEPRECIATED BOOK VALUE OF PROJECT

See Exhibit E, VI. DEVELOPMENTAL ANALYSIS

#### C2.16 ANNUAL OPERATION AND MAINTENANCE EXPENSE

See Exhibit E, VI. DEVELOPMENTAL ANALYSIS

### C2.17 SINGLE-LINE ELECTRICAL DIAGRAM

See Exhibit F

#### C2.18 PROJECT SAFETY MEASURES

Denver Water manages, operates and maintains the Williams Fork Project with a fulltime on-site staff of caretakers who are supported by engineers, and maintenance trade workers.

Annual inspections are conducted by Denver Water's Dam Safety Engineer under the guidance of the State Engineer. Standard Operating Procedures and an Emergency Preparedness Plan are on file.

FERC Part 12 periodic safety inspections are performed by an engineering consultant.

# Williams Fork Reservoir Hydroelectric Project

**FERC No. 2204** 

**Application for License** 

### **Exhibit F**

**General Design Drawings** 

For City and County of Denver, Acting By and Through its Board of Water Commissioners "Denver Water"

December 2004

# **NOTE:** Critical Energy Infrastructure Information is being withheld from this Section

Information omitted from this Section (Exhibit F) includes the Project's General Design Drawings of the appurtenant facilities.

Procedures for obtaining access to Critical Energy Infrastructure Information (CEII) may be found at 18 CFR § 388.113 (c). Requests for access to CEII should be made to the Commission's CEII Coordinator.

# Williams Fork Reservoir Hydroelectric Project

**FERC No. 2204** 

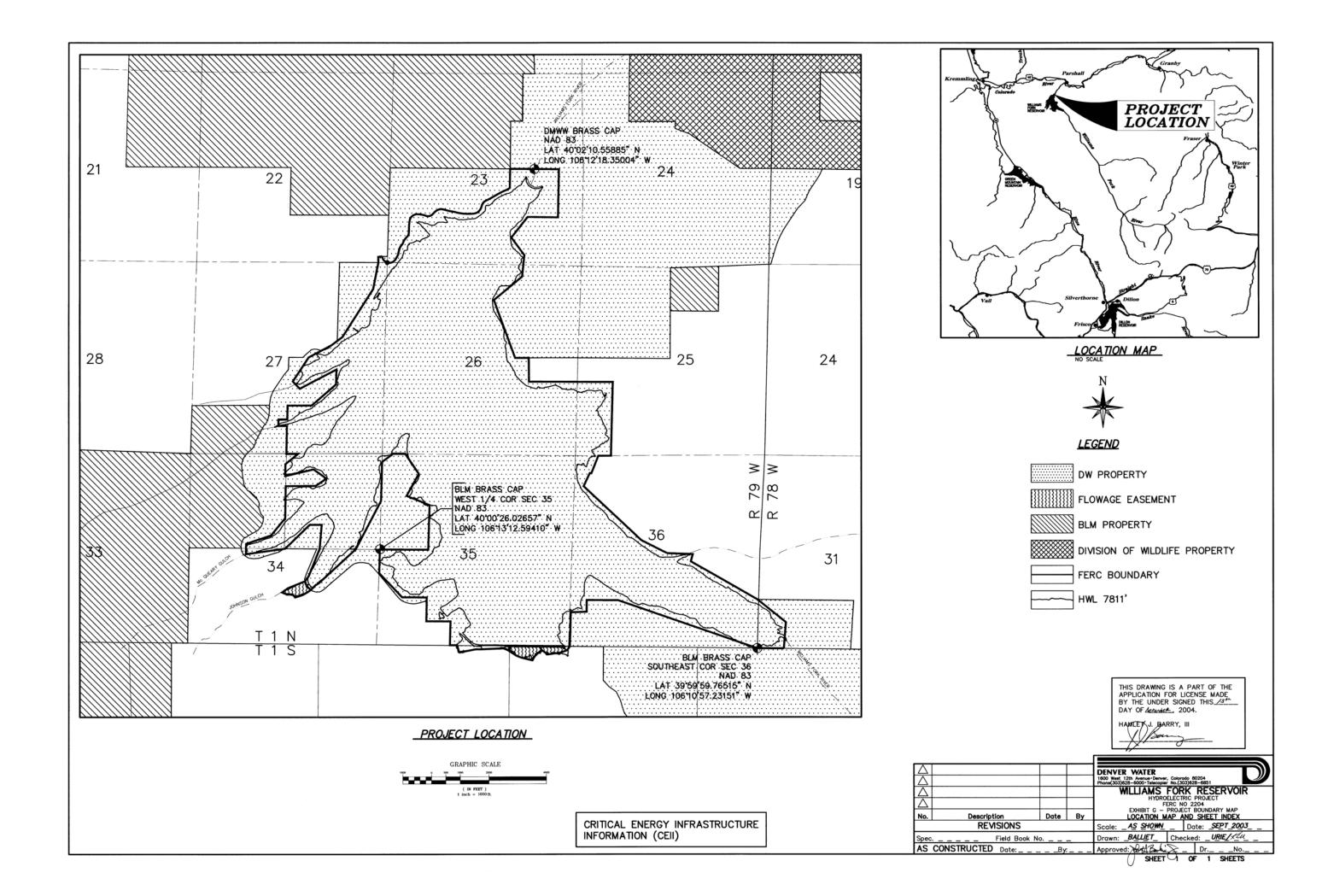
**Application for License** 

## Exhibit G

**Project Boundary Map** 

For City and County of Denver, Acting By and Through its Board of Water Commissioners "Denver Water"

December 2004



# Williams Fork Reservoir Hydroelectric Project

**FERC No. 2204** 

**Application for License** 

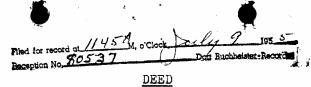
## Appendix A

Documentary Evidence of Applicants Real Property Interest As Required Under §4.31 (c)(2)(ii)

> For City and County of Denver, Acting By and Through its Board of Water Commissioners "Denver Water"

> > December 2004

FLE NO. 290 DOG. NO. 33



FILE MA

DOC. NO.

THIS DEED, Made this 30th day of June, 1955, by and between the CITY AND COUNTY OF DENVER, hereinafter for convenience referred to as the "City," and the CITY AND COUNTY OF DENVER, acting by, through and for the use of its BOARD OF WATER COMMISSIONERS, hereinafter for convenience referred to as the "Board." WITNESSETH:

The City is a municipal corporation of the State of Colorado; and the Board, by virtue of the organic law of the municipal corporation, City and County of Denver, has certain power, authority and duties with respect to certain of the property of the City separate and apart from power, authority and duty exercised by other divisions of the City. This instrument is made, executed and delivered for the uses and purposes herein set forth and especially for the purpose of clearly defining the relationships between the City and the Board respecting the rights, duties, powers and obligations of the City and the Board with respect to the property hereinafter described.

NOW THEREFORE, This instrument;

WITNESSETH, That the City, for and in consideration of the making of a contract between the City and the Board dated June 20, 1955, the giving by the Board to the City of a deed of even date herewith, and other valuable considerations passing to the City from the Board, the receipt and valuable nature whereof are hereby confessed and acknowledged, has granted, bargained, sold and conveyed, and by these presents does grant, bargain, sell and confirm unto the Board, its successors and assigns forever, the following described properties, situate, lying and being in the State of Colorado and in counties hereafter designated, to wit:

ME No 290 noc. No. 332

A. The southeast quarter (SE½) of the southeast quarter (SE½) of Section 10, the southwest quarter (SW½) of the northwest quarter (NW½) and the west half (W½) of the southwest quarter (SW½) of Section 11, Township 1 South, Range 78 West of the 6th P.M., in the County of Grand, State of Colorado;

B. The west half (W½) and the west half (W½) of the southeast quarter (SE½), Section 26; the south half (S½) of the southeast quarter (SE½) and the northeast quarter (NE½) of the southeast quarter (SE½), Section 27; and the north half (N½) of the northeast quarter (NE½), Section 35, all in Township 1 North, Range 79 West of the 6th P.M., in the County of Grand, State of Colorado, containing approximately 600 acres; together with water rights attached or appertaining to the above described land and improvements, and more particularly the following:

Field Ditch decreed for 1.4 cubic feet of water per second of time as of date September 25, 1891, being Ditch No. 1 out of the natural spring tributary to the Williams Fork River, appropriation No. 93 in Water District No. 51; Field Ditch No. 3, sometimes called Field No. 3 Ditch, decreed for 2 cubic feet of water per second of time as of date May 15, 1892, being Ditch No. 2 out of the Williams Fork River, appropriation No. 95 in Water District No. 51;

F. A. Field Ditch No. 2 decreed for 1.5 cubic feet of water per second of time, of which 1 cubic foot of water per second of time is decreed as Ditch No. 15 out of Battle Creek, and of which .5 cubic feet of water per second of time is decreed as Priority No. 2 or Ditch No. 2, out of Sanders Creek, as of date May 30, 1884, and being appropriation No. 272 in Water District No. 51;

F. A. Field Ditch No. 3 decreed for 1.875 cubic feet of water per second of time as of date May 30, 1885, being Ditch No. 16, appropriation No. 275 in Water District No. 51; and that water conditionally decreed to F. A. Field Ditch No. 2, in the amount of .5 cubic feet of water per second of time .333 cubic feet per second of time of which is out of Battle Creek and .166 cubic feet per second of time of which is out of Sanders Creek.

- C. America Placer Mining Claim, U. S. Survey No. 16658, situated in the La Plata Mining District in the County of Grand, State of Colorado, together with all water rights appertaining thereto.
- D. A right of way for the Williams Fork Tunnel of the City and County of Denver as constructed through the Ready Cash Lode Mining Claim, U. S. Survey No. 1545, and the Helping Hand Lode Mining Claim, U. S. Survey No. 1546, in La Plata Mining District, the center line of said tunnel through said Ready Cash and Helping Hand Lode Mining Claims and the property adjacent thereto being more particularly described as commencing at the point of intersection of the northerly line of the Garfield Lode Mining Claim,

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U. S. Survey No. 2203, and the center line of said tunnel at a point which is north 44° east 370.28 feet, more or less, from Corner No. 4 of said Garfield Lode Mining Claim; thence running north 81° 40° east 992.55 feet to the southeasterly boundary of said Ready Cash Lode Mining Claim at a point north 37° 49° east 1182.35 feet, more or less, from Corner No. 1 of said Ready Cash Lode Mining Claim; and all located in the County of Grand and State of Colorado.

- E. A right of way for the Williams Fork Tunnel Construction Road of the City and County of Denver over and across the Helping Hand Lode Mining Claim, U. S. Survey No. 1546, in La Plata Mining District, the center line of said road over and across the said Helping Hand Lode Mining Claim and the property adjacent thereto being more particularly described as commencing at the point of intersection of the northwesterly line of the Garfield Lode Mining Claim, U. S. Survey No. 2203, and the center line of said road at a point which is north 44° east 817.27 feet from Corner No. 4 of said Garfield Lode Mining Claim; thence running south 35° 18' 30" east 351.90 feet; thence north 08° 49' 30" west 67.13 feet; thence north 08° 22' east 135.36 feet; thence north 05° 17' east 353.57 feet; thence north 08° 25' 30" east 342.75 feet; thence north 24° 57' east 49.53 feet, more or less, to the northerly boundary of said Helping Hand Lode Mining Claim, at a point south 82° 10' west 22.39 feet from Corner No. 1 of said Helping Hand Lode Mining Claim; with enough ground on either side of said center line for the said roadway and the maintenance and repair thereof; and all located in the County of Grand and State of Colorado.
- F. A right of way through the Garfield Lode Mining Claim, U. S. Survey Lot No. 2203 in La Plata Mining District in the County of Grand, State of Colorado, for a tunnel constructed by the City and County of Denver known as the Williams Fork Tunnel, to carry the waters of Williams Fork through the Continental Divide into Clear Creek;
- G. A right of way over the Garfield Lode Mining Claim, U. S. Survey Lot No. 2203, and over the Albany Lode Mining Claim, U. S. Survey Lot No. 6068, both in the La Plata Mining District in the County of Grand, State of Colorado for a road constructed by the City and County of Denver across said Mining Claims;
- H. An easement and right of way over, through and across all lands and interests in lands which Hugh J. Harrison had or claimed to have on November 4, 1941 near the westerly portal of the Williams Fork Tunnel and particularly those lands described as the Bob Tail Lode Mining Claim, located in Township 3 South, Range 76 West of the 6th P.M. in the La Plata Mining District, being U. S. Survey No. 16657, Mineral Certificate No. 1566, Patent dated October 18, 1905, and recorded on March 1, 1917 in Book 56 at Page 366 in the Grand County Public Records, and the north-westerly 1855.13 feet of the America Placer Mining

Claim which is designated by the Surveyor General as Lot No. 16658, and which claim as a whole embraces a portion of Township 3 South, Range 76 West of the 6th P.M. in the La Plata Mining District in Grand County, Colorado, and is bounded and described with magnetic variation 14° 50' east as follows:

Beginning at Corner No. 1 a stone 26 x 6 x 6 inches marked 1-16658 from which Wilson U. S. Locating Monument bears south 67° 27' 33" east 1523.32 feet distant and discovery shaft bears north 85° 30' west 861 feet; thence First Course south 47° 45' west 1110 feet to Corner No. 2 a stone 24 x 15 x 3 inches marked 2-16658; thence Second Course north 42° 15' west 2640 feet to Corner No. 3 a stone marked 3-16658, 28 x 10 x 8 inches; thence Third Course north 47° 45' east 1110 feet to Corner No. 4 a stone 24 x 12 x 14 inches marked 4-16658; thence Fourth Course south 42° 15' east 2640 feet to Corner No. 1, the place of beginning;

for the following purposes, to wit;

The right to lay, maintain, repair, replace, use, and operate ditches, flumes, conduits, dams, reservoirs, valves, and appurtenances thereto, all to be located substantially as heretofore constructed; together with the right of ingress and egress reasonably necessary in connection with the laying, maintenance, repair, replacement, extension, use, and operation of the ditches, flumes, conduits, dams, reservoirs, valves, and appurtenances thereto and used or useful in connection with the Williams Fork Diversion Project of the City and County of Denver.

- I. Victoria Placer Mining Claim, U. S. Survey Lot No. 16659, in Township 3 South, Range 76 West of the 6th P.M., in the La Plata Mining District in the County of Grand, State of Colorado.
- J. The Colorado Placer Mining Claim in La Plata Mining District, Grand County, Colorado, location certificate of which is recorded in Book 28 at Page 276 of the records of said County.
- K. The Golorado Lode Mining Claim in La Plata Mining
  District, Grand County, Colorado, location certificate
  of which is recorded in Book 82 at Page 365 of the
  records of said County.
- L. The Clear Creek Lode Mining Claim in Atlantic Mining District, Clear Creek County, Colorado, certificate of location of which is recorded in Book 218 at Page 478 of said Clear Creek County records.
- M. A right or easement over, through, and across a Mining Patent in the Williams Fork District known as Luella Mining Patent, Survey No. 16133, La Plata Mining District, Grand County, Colorado, as described in and granted by that certain written agreement dated the 15th day of August, 1938 by and between the City and County of Denver as party of the first part and G. H. Riggle and R. P. Vane as parties of the second part, recorded on August 20, 1938 in Book 87 at Page 259 of the records in the office of the Recorder of the County of Grand, State of Colorado.

- N. All right, title and interest of the City under and by virtue of that certain "Agreement for Easement" dated the 4th day of October, 1946 between the City and County of Denver and Anna Guanella and others, the same being recorded in Book 234 at page 478 of the records in the office of the Recorder of the County of Clear Creek, State of Colorado; the Board by the acceptance thereof to assume the obligations of the City and County of Denver therein set forth.
- O. A right of way for general road purposes 33 feet in width, together with necessary ground for cuts and embankments along and through the following described Mining Claims situate in the Daly Mining District in the County of Clear Creek, State of Colorado, to wit;

  Big Chief, Calahan, Chatfield, Early Bird, Ella, Farview, Forrester, Fossil, Governor Buchtel, Jameson, Mascot, May, McMillan, New Hope, Old Man, Prize, Red Seal, Scotty, Snow Storm, Square Deal, Square Deal No. 1, Square Deal Est., Sunflower, Tom Boy, and Tom Thumb, as said road is located across Jones Pass and through said Claims; such right of way having been granted to the City under and by virtue of that certain written agreement recorded in Book 220 at page 111 of the records in the office of the Recorder of Clear Creek County, State of Colorado.
- P. The right to use the Channel of Clear Creek across the Big Three Millsite claim in the County of Clear Creek, State of Colorado, together with the right to alter, enlarge, deepen, change, or improve such channel, as granted to the City and County of Denver under and by virtue of a "conveyance of easement" from Verne H. Charles to the City and County of Denver recorded in Book 225 at page 524 of the records in the office of the Recorder of the County of Clear Creek, State of Colorado.
- Q. The "Yankee" and "Waltham" Mining Claims, Survey 15391, situate in the Atlantic and Daily Mining District in the County of Clear Creek, State of Colorado.
- R. All right, title, and interest of the City under and by virtue of its application for a right of way for the Williams Fork Reservoir (Bureau of Land Management, Denver Serial 050054) and under any and all permits, grants, or consents in connection therewith from the United States of America or any Department, Agency, or Bureau thereof, or under the laws thereof.
- S. The Williams Fork Tunnel, situate in the Counties of Clear Creek and Grand in the State of Colorado, and all rights and rights of way therefore under the laws of the United States of America or granted or permitted by any department, agency, or bureau thereof.
- T. The Williams Fork Tunnel construction road over Jones Pass, in the Counties of Clear Creek and Grand, in the State of Colorado, and all rights of way in connection therewith or appurtenant thereto, and all rights, permits, consents, and grants in connection therewith from the United States of America or any department, agency or bureau thereof, or under the laws thereof.

FILE NO. 290 DOC. NO. 332

U. All water and water rights of the City and County of Denver, both complete and incomplete, absolute and conditional, controlled, taken or stored through or in connection with the above described properties and generally known as the Williams Fork Reservoir Rights and the Williams Fork Tunnel rights, having their point of diversion or place of storage in the County of Grand and State of Colorado, and all including water rights and priorities described as follows, to wit:

water rights defined in that certain decree of the District Court for the County of Grand and State of Colorado in Case No. 657 entitled "In the Matter of Priorities of Water Rights in Water District No. 51" referred to in the decree therein and various amendments and supplements thereto, said water rights being more particularly defined as follows:

- (a) That priority known as Appropriation No. 25 as to the absolute part thereof and as Appropriation No. 25A as to the conditional part thereof, dated July 4, 1921 for municipal uses including domestic use, fire protection, street sprinkling, watering of parks, lawns and grounds, mechanical uses and every other type of municipal use and including the right to use water from sources as follows:
- 1. From McQueary Creek (Stream Priority No. 1) the maximum amount of 70 cubic feet of water per second of time through the North Canal Line, Section 1;
- 2. From Jones Creek (Stream Priority No. 1) the maximum amount of 25 cubic feet of water per second of time through the North Canal Line, Section 2;
- 3. From McQueary and Jones Creeks (Stream Priorities Nos. 1 and 1 respectively) and tributary drainage above the canal, the maximum amount of 115 cubic feet of water per second of time through the North Canal Line, Section 3;
- 4. From Bobtail Creek (Stream Priority No. 1) the maximum amount of 115 cubic feet of water per second of time through the South Canal Line, Section 1;
- 5. From Steelman Creek (Stream Priority No. 1) the maximum amount of 90 cubic feet of water per second of time through the South Canal Line, Section 2;
- 6. From Bobtail Creek (Stream Priority No. 1) the maximum amount of 195 cubic feet of water per second of time, through the South Canal Line, Section 4, but this amount shall be inclusive of the amount from said creek through Section 1 of the South Canal Line as hereinbefore mentioned in subdivision 4 hereof:
- 7. From Steelman Creek (Stream Priority No. 1) the maximum amount of 150 cubic feet of water per second of time through the South Canal Line, Section 5:

FILE NO. 290 DOC. NO. 332 8. From the Middle Fork of Williams Fork River (Stream Priority No. 1) the maximum amount of 350 cubic feet of water per second of time through the South Canal Line, Section 7; 9. From the Middle Fork of the Williams Fork

- River (Stream Priority No. 1) and from tributary drainage above the canal, the maximum amount of 400 cubic feet of water per second of time through the South Canal Line. Section 6:
- From Allen Creek (Stream Priority No. 1) the maximum amount of 250 cubic feet of water per second of time through the South Canal Line, Section 8;
- From the South Fork of the Williams Fork River (Stream Priority No. 1), the maximum amount of 200 cubic feet of water per second of time through the South Canal Line, Section 10;
- From tributary drainage above the feeder, the maximum amount of 50 cubic feet of water per second of time through the Middle Fork feeder:
- It is intended hereby to convey all of the above twelve priorities separately and cumulatively; in the cumulative, they amounting to a total of 620 cubic feet of water per second of time.
- (b) That priority known as Reservoir Appropriation No. 25 as to the absolute part thereof, and Reservoir Appropriation No. 25A as to the conditional part thereof, bearing date July 4, 1921 for storage in Eastern Slope reservoirs of the Denver Municipal Water System, for purposes hereinabove enumerated as follows:

٦	т∽	Empire Reservoir	6 101 20		C
1.	TII	Empire Reservoir	6,494.39	acre	reet
2.	In	Cheesman Reservoir	79,000	17	11
3•	In	Eleven Mile Canon Reservoir	81,917	11	11
4.	In	Marston Reservoir	19,800	18	11
5.	In	Antero Reservoir	33,000	Ħ	Ħ

(c) That priority known as Williams Fork Reservoir priority, being Reservoir Appropriation No. 17 as to the absolute part thereof, and Reservoir Appropriation No. 17A as to the conditional part thereof bearing date November 10, 1935 for the storage of 93,637 acre feet of water in said Williams Fork Reservoir for the purposes hereinabove enumerated.

Also all grants, easements, licenses, permits and other evidences of title to the City and County of Denver from the United States of America for or connected with any of the above lands or structures, or used or useful for the diversion, carriage or use of any of the above described waters or water rights including both completed

and inchoate rights from the United States to the City and County of Denver, and without limiting the generality of the foregoing, particularly the United States right-of-way for the Williams Fork Diversion Project bearing Federal Land Office No. 027915, Williams Fork Reservoir bearing Federal Land Office No. 050054.

V. Also all property or rights owned by the City solely and exclusively as part of or in connection with the Williams Fork storage and diversion works.

Together with all and singular the hereditaments and appurtenances thereunto belonging, or in anywise appertaining, and the reversion and reversions, remainder and remainders, rents, issues and profits thereof; and all the estate, right, title, interest, claim and demand whatsoever, of the City either in law or equity, of, in and to the above bargained premises, with the hereditaments and appurtenances;

TO HAVE AND TO HOLD the said premises above bargained and described, with the appurtenances, unto the Board, its successors and assigns forever. And the City for itself, its successors and assigns does covenant, grant, bargain and agree to and with the Board, its successors and assigns, the above bargained premises in the quiet and peaceable possession of the said Board, its successors and assigns, against all and every person or persons lawfully claiming or to claim the whole or any part thereof, by, through or under the City to WARRANT AND FOREVER DEFEND.

IN WITNESS WHEREOF, The City has caused this instrument to be executed by its Mayor, attested by its City Clerk and the each of said City attached hereto as of the day and

egr first above written.

CITY AND COUNTY OF DENVER

VRIMER REPHBURN Liewy and Recorder, Ex Officio Clerk of the

City and County of Denver

By Lema Gathburn

Execution of this instrument by the City and County of Denver is authorized by its Ordinance No. 180, Series 1955.

APPROVED AS TO FORM:

FILE NO. 2 90 DOC. NO. 332

Attorney
Attorney of Denver

BOOK 123 PAGE 601

Pfled for record of 150 P, M, o'Clock MAR 4 1358

Recoption No 86224 Don Buthheister: Records:

STATUTORY WARRANTY DEED

KJC/ ALL HTT DY THISS PRESENTS: That LEOMARD A. #00D and FRANK H. #00D, of the County of Grand, and State of Colorado, for the consideration of Ten Dollars (\$10.00) and other valuable considerations in hand paid, hereby sell and convey to THE CITY AND COUNTY OF DENVER, a municipal corporation of the State of Colorado, acting by, through and for the use of its BOARD OF WATER COLLISSIONERS, the following real property, situate in the County of Grand and State of Colorado, to-wit:

DOCUMENTALIX

INTERNATIONALIS

INTERNATI

Farcal Mo. 1: A tract of land in the north half of the south half (WASA) of Section 34, Township 1 Morth, Range 79 Mest of the 6th Principal Meridian, described as follows:



Deginning at the center of said Section 34; thence south 30° 42° west along the east-west center line of said Section a distance of 1224°, more or loss; thence along the arc of a curve to the left having a radius of 346.5 feet a distance of 444.1 feet (the chord of which arc bears south 45° 05° 19" east, a distance of 414.3 feet); thence north 8° 11° 20" east a distance of 10 feet; thence along the arc of a curve to the left having a radius of 336.5 feet a distance of 141.5 feet (the chord of which arc bears south 36° 08° 20" east a distance of 140.6 feet); thence north 74° 05° 20" east a distance of 561 feet; thence along the arc of a curve to the left having a radius of 1005 feet a distance of 287 feet, more or less, (the chord of which arc bears north 65° 54° 46° east a distance of 286 feet, more or less) to the east-west center line of said Section; thence south 89° 42° west along the east-west center line of said Section a distance of 22 feet, more or less. to the east-west center line of beginning.



Parcel No. 2: A tract of land in the south half  $(3\frac{1}{2})$  of Sections 34 and 35, Township 1 North, Range 79 West of the 6th Principal Meridian, described as follows:

more or less, to the point of beginning; containing 5 acres, more or less;



Beginning at the bast quarter corner of Section 34; thence south 89° 42' west along the east-west center line of said Section a distance of 1775 feet, more or less; thence south 22° 55' 09" west a distance of 773 feet; thence along the arc of a curve to the left having a radius of 357.5 feet a distance of 966.9 feet (the chord of which arc bears south 54° 31' 52" east a distance of 698 feet); thence north 43° 01' 07" east a distance of 115 feet; thence north 41° 58' 53" west a





distance of 16 fest; thence north Lic Olt Off east a distance of 315.2 fest; thence along the arc of a curve to the right having a radius of Lic.4 fest a distance of 674 fest (the chord of which are bears south of 30, 32 east a distance of 515.3 fest); thence south Lic Best a distance of 205.2 fest); thence south Lic Best a distance of 205.2 fest; thence along the arc of a curve to the right having a radius of 1314.4 fest a distance of 240.5 fest; thence along the art a distance of 240 fest; thence south 240 flt 428 east a distance of 560.6 fest; thence along the arc of a curve to the last having a radius of 574.4 fest a distance of 705 fest (the chord of which are bears south 600 24, 279 east a distance of 662.1 fest); thence north 760 62, 489 east a distance of 217.6 Ject; thence along the arc of a curve to the right last a least a distance along the arc of a curve to the right these along the arc of a curve to the right having a radius of 220.9 feet a distance of 51 feet, more or less, (the chord of which are bears north 42 22 57 east a distance of 51 feet, more or less) to the east land line of the southwest quarter of the southwest quarter (51,634) of soid Bection 35, thence south 60 13 most along soid land line a list was a feet themes worth 60 south 6° 10' most along soid land line a distance of 50° feet; thence north 8° 55' sast a distance of 572 feet; thence south 1° 60' west a distance of 66° feet, more or less, to the south line of said Section 35; thence north 5° 55' east along said south line of Section 35; thence north quarter corner of Section 35; thence north 1° 60' east along the north-south center line of Section 35; thence north 1° 60' east along the north-south center line of Section 35; cast along the north-south center line of Jection 35 a distance of 1320 feet, nore or less, to the north line of the southeast quarter of the southwest quarter (3%, 2%) of Section 35; thence south 40° 51' most along said north land line a distance of 13% lost, more or less, to the east line of the north-mest quarter of the southrest quarter (MA,JA,) of Jection 35; thence north 0° 13; east along said east land line a distance of 131° feet, more or less, to the east-west center line of Section 25; thanks south to 42! / wh along said east-west center line a distance of 1223 feet, nors or less, to the coint of beginning, containing lot acros, more or less.

with all its appartenances, and warrant the title to the same.

Signed and delivered this 4th day of March A.D. 1,7).

Frank L. Wood

(continued on the following page)

(continued from proceding page)
JTATH OF COLORADO )
SS.
COLORADO )

The Poragoing instrument was acknowledged before me this 4th day of March , 1950, by 12001450 A. 2000 and Fan K H. 2000.

Mitness my hand and official seal.

My Commission expires February 2 1959

Lity commission expires February 2 1959

actary rablic

Filed for second of 2 50 PM, o Clock

MAR 17 1994

Filed for second of 2 442

Don Buchheister-Recorder

#### WARRANTY DEED

THIS DEED, Made this \_\_\_\_\_\_ day of March, in the year of our Lord one thousand nine hundred and fifty-eight between BETHEL HEREFORD RANCH, INC., a corporation duly organized and existing under and by virtue of the laws of the State of Colorado, party of the first part, and THE CITY AND COUNTY OF DENVER, a municipal corporation of the State of Colorado, acting by, through and for the use of its BOARD OF WATER COMMISSIONERS, party of the second part:

WEER S. S. No. 121

Calpachage

WITNESSETH, that the said party of the first part, for and in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration, to the said party of the first part in hand paid by the said party of the second part, the receipt whereof is hereby confessed and acknowledged, hath granted, bargained, sold and conveyed, and by these presents doth grant, bargain, sell, convey and confirm unto the said party of the second part, its successors and assigns forever, all of the following described parcels of land, situate, lying and being in the County of Grand and State of Colorado, to-wit:

A parcel of land located in the Northeast Quarter of the Southwest Quarter (NE\( \frac{1}{4}\)SW\( \frac{1}{4}\) of Section 27, Township 1 North, Range 79 West of the 6th Principal Meridian, Grand County, Colorado, said parcel being more particularly described as follows:

Beginning at a point on the North-South Center Line of said Section which bears South 1° 7' 39" West a distance of 452.4 feet from the Center of said Section; thence South 1° 7' 39" West a distance of 877.6 feet, more or less, to the Southeast corner of the Northeast Quarter of the Southwest Quarter (NP\(\frac{1}{2}\)SW\(\frac{1}{2}\)) of said Section; thence South 89° 48' 50" West along the South Line of the Northeast Quarter of the Southwest Quarter (NP\(\frac{1}{2}\)SW\(\frac{1}{2}\)) of said Section a distance of 256.5 feet; thence North 1° 19' 19" West a distance of 55 feet; thence along the arc of a curve to the right with a radius of 594.7 feet, a distance of 215.4 feet (the chord of which arc bears north 9° 3' 22" East a distance of 214.3 feet); thence

North 78° 34' 1" West a distance of 150 feet; thence along the arc of a curve to the right with a radius of 744.7 feet a distance of 201.2 feet (the chord of which arc bears North 27° 10' 23" East a distance of 200.6 feet); thence North 340 54' 47" East a distance of 507.4 feet, more or less, to the point of beginning, containing 4.6 acres, more or less, said parcel of land being all of the land in the Northeast Quarter of the Southwest Quarter (NE 1 SW 1) of Section 27, Township 1 North, Range 79 West of the 6th Principal Meridian, which lies east of a strip of land previously acquired by the Board from the Seller by Deed recorded at Book 123 at page 448 of the Public Records of Grand County.

TOGETHER with all and singular the hereditaments and appurtenances thereunto belonging, or in anywise appertaining, and the reversion or reversions, remainders, rents, issues and profits thereof; and all the estate, right, title, interest, claim and demand whatsoever of the said party of the first part, either in law or equity, of, in and to the above bargained premises with the hereditaments and appurtenances.

TO HAVE AND TO HOLD the said premises above bargained and described, with the appurtenances unto the said party of the second part, its successors and assigns forever. And the said party of the first part, for itself, and its successors, doth covenant, grant, bargain, and agree to and with the said party of the second part, its successors and assigns, that at the time of the ensealing and delivery of these presents it is well seized of the premises above conveyed, as of a good, sure, perfect, absolute and indefeasible estate of inheritance, in law, in fee simple, and hath good right, full power and lawful authority to grant, bargain, sell and convey the same in manner and form aforesaid, and that the same are free and clear from all former and other grants, bargains, sales, liens, taxes, assessments and incumbrances of whatever kind or nature soever; and the above bargained premises in the quiet and peaceable possession of the said party of the second part, its successors and assigns, against all and every person or persons lawfully claiming or to claim the whole or any part thereof, the said party of the first part shall and will WARRANT AND FOREVER DEFEND.

IN WITNESS WHEREOF, The said party of the first part hath caused its corporate name to be hereunto subscribed by its President, and its corporate seal to be hereunto affixed, attested by its Secretary, the day and year first above written.

Med by te and a 7/6 AM, o'close title 5: 158' decorded in Prok 183, Proje 445, 849, 150 in Grand Jounty, John.

#### MARRATTY DUED

THIS DEED, Made this 29th day of January, in the year of our Lord one thousand nine hundred and fifty-eight between BINTHIL HERAFORD RATCH, INC., a corporation duly organized and existing under and by virtue of the laws of the State of Colorado, party of the First part, and THE CITY AND COUNTY OF DEEVER, a municipal corporation of the State of Colorado, acting by, through and for the use of its BOARD OF MATER COIMISSIONERS, party of the second part:

ITTERSETH, That the said party of the first part, for and in consideration of the sum of Ten Dollars (§10.70) and other good and valuable consideration, to the said party of the first part in hand paid by the said party of the second part, the receipt whereof is hereby confessed and acknowledged, hath granted, bargained, sold and conveyed, and by these presents doth grant, bargain, sell, convey and confirm unto the said party of the second part, its successors and assigns forever, all of the following described parcels of land, situate, lying and being in the County of Grand and State of Colorado, to-wit: to-wit:

#### PARCHL #1

A marcel of land located in the Southwest Guarter of the Northeast Quarter (50/4004) of Section 27, Township 1 North, Range 79 West of the 6th Principal Meridian, in Grand County, Colorado, described as follows:

Beginning at a point on the East-West center line of said Section which point bears north 89° 44' 40" East a distance of 313.2 feet from the center of said section; thence Horth 44° 47' 51" East a distance of 302.3 feet; thence along the arc of a curve to the right with a radius of 336.5 feet a distance of 239.0 feet, (the chord of which arc bears Eorth 73° 24' 13" East a distance of 280.2 feet); thence South 31° 59' 30" East a distance of 142.2 feet, thence North 57° 23' East a distance of 492.1 feet more or less to a point on the east line of the Southwest Quarter of the Bortheast Quarter (SM4ME4) of said section; thence South 1° 01' 20" West along the East line of the Southwest Quarter of the Mortheast Quarter (SM4ME4) of said section, a distance of 503.6 feet more or less to the Southeast Corner of the Southwest Quarter of the Mortheast Quarter (SM4ME4) of said section; thence South 99° 48' 40" West along the East-West center line of said section, a distance Beginning at a point on the Hast-West center the East-West center line of said section, a distance of 1016.2 feet more or less to the point of beginning, containing 6.0 acres.

#### PARCEL #2

A parcel of land in the Northeast Quarter of the Southwest Quarter (1884/381/4) of Section 27, Township 1 North, Range 79 West of the 6th F.M. described as Collows:

Beginning at a point on the north-south center line of said Section which point bears south 1° 07' 39" West a distance of 272.4 feet from the center of said section; thence along the arc of a curve to the left with a radius of 1082.3 feet, a distance of 100 feet (the chord of which arc bears south 34 54' 36" West, a distance of 149.5 feet); thence south 34° 54' 47" west, a distance of 507.4 feet; thence along the arc of curve to the left with a radius of 344.7 feet, a distance of 22° 2 feet (the chord of which are bears south 27° 223.2 feet (the chord of which are bears south 27° 10' 23" west, a distance of 227.5 feet); thence north 70° 34' 01" west, a distance of 10 feet; thence along the arc of a curve to the left with a radius of 354.7 feet, a distance of 309.6 feet (the chord of which are bears south 9° 03' 22" west, a distance of 307.9 feet); thence south 10 101 ion east a distance of 10 feet more or less to a point on the south line of the northeast quarter of the southwest quarter (NE $_7$ SU4) of said section; thence north 300 4% 30" east along the south line of the northeast quarter of the southwest quarter (NE4574) of said Section, a distance of 260 feet; thence north 1° 19' 19" west a distance of 35 feet; thence along the arc of a curve to the right with a radius of 594.7 feet, a distance of 215.4 feet (the chord of which arc bears north 70° 31' 22" east. a distance of 214.3 feet): thence north 70° 34' 01" west a distance of 150 feet; thence along the arc of a curve to the right with a radius of 744.7 feet, a distance of 201.2 feet (the chord of which are bears north 27° 10' 23" east, a distance of 200.6 feet); thence north 34° [4' 47" east, a distance of 507.4 feet more or less to a point on the north-south center line of said section; thence north 1 07' 39" east, along said north-south center line a distance of 180 feet more or less to the point of beginning, containing 3.7 acres.

TOGETHER with all and singular the hereditaments and appurtenances thereunto belonging, or in anywise appertaining, and the reversion or reversions, remainders, rents, issues and profits thereof; and all the estate, right, title, interest, claim and demand whatsoever of the said party of the first part, either in law or equity, of, in and to the above bargained premises with the hereditaments and appurtenances.

TO HAVE AND TO HOLD the said premises above bargained and described, with the appurtenances unto the said party of the second part, its successors and assigns forever. And the said party of the first part, for itself, and its successors, doth covenant, grant, bargain, and agree to and with the said party of the second part, its successors and assigns, that at the time of the ensealing and delivery of these presents it is well seized of the premises above conveyed, as of a good, sure, perfect, absolute and indefeasible estate of inheritance, in law, in fee simple, and hath good right, full power and lawful authority to grant, bargain, sell and convey the same in manner and form aforesaid, and that the same are free and clear from all former and other grants, bargains, sales, liens, taxes, assessments and incumbrances of whatever kind or nature soever; and the above bargained premises in the quiet and peaceable possession of the said party of the second part, its successors and assigns, against all and every person or persons lawfully claiming or to claim the whole or any part thereof, the said party of the first part shall and will WARRANT AND FOREVER DEFEND.

IN WITHESS WHEREOF, The said party of the first part hath caused its corporate name to be hereunto subscribed by its President, and its corporate seal to be hereunto affixed, attested by its Secretary, the day and year first above written.

BETHEL HEREFORD RANCH, INC.

By Worland S. Taccomp

STATE OF COLORADO

DECOUNTY OF DENVER )

My notarial commission expires \_\_\_\_\_ My Commission expires March 29, 1959

Witness my hand and official seal.

33.

Hotary Fublic



Reapping No. Don Buchheister Recorder

THIS DEED, Made this **2nd** day of May , in the year of our Lord one thousand nine hundred and fifty-eight, between PUBLIC SERVICE COMPANY OF COLORADO, a corporation duly organized and existing under and by virtue of the laws of the State of Colorado, of the first part, and THE CITY AND COUNTY OF DENVER, a municipal corporation of the State of Colorado, acting by, through, and for the use of the BOARD OF WATER COMMISSIONERS, of the second

WITNESSETH, That the said party of the first part, for and in consideration of the sum of ONE DOLLAR (\$1.00) and other good and valuable consideration, to the said party of the first part, in hand paid by the said party of the second part, the receipt whereof is hereby confessed and acknowledged, has granted, bargained, sold and conveyed and by these presents does grant, bargain, sell, convey and confirm unto the said party of the second part, its successors and assigns forever, all the following described lot or parcel of land, situate, lying and being in the County of Grand and State of Colorado, to-wit:

> The west half of the southeast quarter ( $\mathbb{V}_{2}^{1}$  of  $\mathbb{SE}_{2}^{1}$ ) the northeast quarter of the southwest quarter (NE $\frac{1}{4}$  of SW $\frac{1}{4}$ ) the south half of the northeast quarter ( $S_2^1$  of  $NE_4^1$ ) and the southeast quarter of the northwest quarter (SE $\frac{1}{4}$  of  $NW_{4}^{1}$ ) all in section thirty-five (35) township one (1) north, range seventy-nine (79) west of the sixth (6th) principal meridian; together with all ditches and water rights belonging to first party, and used upon or in connection with said land.

together with all and singular the hereditaments and appurtenances thereunto belonging, or in anywise appertaining, and the reversion and reversions, remainder and remainders, rents, issues and profits thereof; and all the estate, dight, title, interest, claim and demand whatsoever, of the said party of the irst part, either in law or equity, of, in and to the above bargained premises, ith the hereditaments and appurtenances; TO HAVE AND TO HOLD the said premises bove bargained and described with the appurtenances, unto the said party of he second part, its successors and assigns forever.

And the said party of the first part, for itself and its successors covenants and agrees to and with the said party of the second part, its successors and assigns, the above bargained premises in the quiet and peaceable possession of the said party of the second part, its successors and assigns against all and every person or persons lawfully claiming or to claim the whole or any part thereof, by, through or under the said party of the first part, to WARRANT AND FOREVER DEFEND.

IN WITNESS WHEREOF, The said party of the first part has caused its corporate name to be hereunto subscribed by its Vice President, and its corporate seal to be hereunto affixed, attested by its \_\_\_\_\_\_ Secretary, the day and year first above written.

Secretary

STATE OF COLORADO

PAID UNDER PROTEST STATES EXCUSED PROTEST (7)

PUBLIC SERVICE COMPANY OF COLORADO By Wice President

APPROVED

STAT	TE OF COLORADO			) ) ss.	LEE, BRYANG KELLY & STANSFIELD
CITY	AND	COUNTY OF	DENVER	)	a g Hamburg
	The	foregoing	instrum	ent we	s acknowledged before me this <u>2nd</u> day of
Ŋ.,	Mow.		. 1958.	hw M.	M. Koch. Vice-president of Public Service

Company of Colorado and H. A. Mitchell as Secretary of Public Service Company of Colorado.

WITNESS my hand and official seal.

My commission expires February 1, 1961

# IN THE DISTRICT COURT IN AND FOR THE COUNTY OF GRAND AND THE STATE OF COLORADO

Civil Action No. 1246

CITY AND COUNTY OF DENVER, a municipal corporation,

Petitioner,

٧s.

FINDINGS AND
DECREE

HARRY G. KNAPP and MYRLIE KNAPP.

Respondents.

THE COURT FINDS:

Petitioner is empowered by law to acquire the lands involved in this proceeding by eminent domain, needs and requires said lands, and the proceedings herein are regular in all particulars.

This cause was tried to a jury which, after full presentation of evidence and argument of counsel on behalf of both parties, returned a verdict herein on September 23, 1959, which verdict is in words and figures as follows:

#### VERDICT

FIRST: The description of the land actually taken is as follows:

That portion of land in the Southwest quarter (SW1) of Section 25, Township 1 North, Range 79 West of the 6th P. M., enclosed by the following described line:

Beginning at the southwest corner of Section 25, Township 1 North, Range 79 West of the 6th P. M., thence north 89° 38' East along the South line of Section 25, Township 1 North, hanse 79 West of the 6th P. M., a distance of 991.5 feet, thence Forth 5° 57' East a distance of 2040.6 feet, thence South 89° 36' West a distance of 991.4 feet to a point on the West line of Section 25, Township 1 North, Range 79 West of the 6th P. M., thence South 6° 57' West along the West line of Section 25, Township 1 North, Hange 79 West of the 6th P. M., a distance of 2039.4 feet to the Southwest corner of Section 25, Township 1 North, Range 79 West of the 6th P. M., the point of beginning, containing 46.4 acres, more or less.

Plus that portion of land in the Southeast quarter (SEt) of Section 26, Township 1 North, Hange 79 West of the 6th P. M., enclosed by the following described line:

Beginning at the Southeast corner of Section 26, Township 1 North, Range 79 West of the 6th P. M., thence North 0 57' East along the East line of Section 26, Township 1 North, Range 79 West of the 6th P. M., a distance of 2039.4 feet, thence South 59° 36' West a distance of 1373 feet, more or less, to a point on the East sixteenth line of Section 26, Township 1 North, Range 79 West of the 6th P. M., thence South 10° 30' West more or less, along the East sixteenth line of Section 26, Township 1 North, Range 79 West of the 6th P. M., a distance of 2034 feet, more or less, to a point on the South line of Section 26, Township 1 North, Hange 79 West of the 6th P. M., thence North 89° 50' East along the South line of Section 26, Township 1 North, hange 79 West of the 6th P. M., a distance of 1393 feet, more or less, to the Southeast corner of Section 26, Township 1 North, Range 79 West of the 6th P. M., the point of beginning, containing 64.6 acres, more or less, total acreage 111.0 acres, more or less.

SECOND: The value of the land actually taken is

(\$7,543.12)

THIRD: The damages to the residue of the land not

taken is

( None)

FOURTH: The value of benefit to the residue is

(None)

\_\_/s/ Jury Forenan By stipulation between counsel for the Petitioner
and the Respondents, the Petitioner will deposit with the
Clerk of this court the sum of the costs and reasonable
expenses, as usually determined in condemnation matters,
when said costs and expenses are determined. If counsel
herein fail to agree as to proper and reasonable costs and
expenses, said matter will be brought into court for determination.
IT IS, THEREFORE, HEREBY RULED, ORDERED, ADJUDGED AND DECREED
THAT:

The lands taken and acquired by the Petitioner, City and County of Denver, a municipal corporation, herein, are as described in the verdict of the jury as hereinabove set forth.

Said lands are needed by said Petitioner.

The compensation proper to be paid to the respondents by Petitioner on account of the taking of said land by the Petitioner is the amount of \$7,543.12 and no damage or benefit should be allowed on account of the taking of said land.

All amounts due Respondents on account of this action, except for costs and expenses, have been paid to the Clerk of this Court by the Petitioner, and the Clerk small pay out to the Respondents said amount, being \$7,5%.12, upon request of Respondents.

Done and entered this 21th day of October, 1959

BY THE COURT:

DISTRICT COURT

Certified to be 1, true and correct copy of 1 in my custody.

CHARLES W. BLOOM SLERK OF DISTRICT COURT

SBALL

\_\_

Berr 123 PAGE 43

FILE NO. 308 DOC. NO. 3

#### WARRANTY DEED

KNOW ALL MEN BY THESE PRESENTS that DAVID T. GARDNER and RUTH JANE GARDNER, of the County of Grand, and State of Colorado, for the consideration of Ten Dollars (\$10.00) and other valuable consideration in hand paid, hereby sell and convey to the CITY AND COUNTY OF DENVER, for the use of its BUARD OF WATER COMMISSIONARS, of the City and County of Denver and State of Colorado, the following real property, situate in the County of Grand, and State of Colorado, to-wit:

The East half of the Southeast quarter (ESSE4) of Section 35, Township 1 North, Range 79 West of the oth Principal Meridian,

together with all improvements thereon and rights in minerals, sand or gravel and rights under leases for the production thereof and also together with all water and water rights ditch and ditch rights, reservoir and reservoir rights connected with or appurtenant thereto, including, but not limited to, the following:



THE THOMAS DITCH, being ditch No. 23 out of Battle Creek, appropriation No. 360 in Water District No. 51, for 2.0 cubic feet of water per second of time with a priority date of 1909.

THE THOMAS DITCH NO. 2, being Ditch No. 26 on Battle Creek, appropriation No. 455 in Water District No. 51 for 2.0 cubic feet of water per second of time with a priority date of May 15, 1910.



THE BRATTON DITCH, being Ditch No. 13 out of Williams Fork, appropriation No. 245 in Water District No. 51 for an absolute right to 1.25 cubic feet of water per second of time with a priority date of November 5, 1906, and for a conditional right to an additional 6.75 cubic feet of water per second of time,

with all appurtenances, and warrant the title to the same, subject to General Taxes and Moffat Tunnel Improvement District Assessments for 1957 and that certain Deed of Trust to the use of ANNIE H. GARDNER, recorded on September 5, 1952, in book 102 at page 544 of the Public Records of said Grand County.

Signed and delivered this 23 day of A.D. 1957.

STACE OF COLORADO )

The foregoing instrument was acknowledged before me day of the foregoing instrument was acknowledged before me 1957, by DAVID T. GARDNER Witness my hand and official seal.

My commission expires

Notary Public

3 (7) E PAID UNDER S. D. No. 222 & E PAID UNDER PROTEST

Recorded. Reception No 86222

#### SPECIAL WARRANTY DEED

THIS DEED, made this 28th day of February,

1950, by and between the CITY AND COUNTY OF DENVER, a municipal corporation of the State of Colorado, acting by and through its BOARD OF WATER COMMISSIONERS, hereinafter sometimes called the "Grantor," and ALLYN WOOD and MARGARET WOOD, both of Grand County, State of Colorado, hereinafter called the "Grantees," WITNESSETH:

That the Grantor for and in consideration of the sum of Ten Dollars (\$10.00) and other valuable considerations to the Grantor in hand paid by the Grantees, the receipt whereof is hereby confessed and acknowledged, has granted, bargained, sold and conveyed, and by these presents does grant, bargain, sell, convey and confirm unto the said Grantees, their heirs, and assigns forever, as tenants in common, all of the following land situate, lying and being in the County of Grand and State of Colorado, to-wit:

All those portions of Lots 2, 3, 4, 5, 6, 7, 9 and 10 in Section 2, Township 1 South, Range 79 West of the 6th Principal Meridian lying west of the present center lines of Bull Run Creek and Battle Creek, whichever is westernmost, and lying east of Copper Creek,

and all right, title, interest, claim and demand of the Grantor in and to that part of the Northwest Quarter (NW1) of Section 2. Township 1 South, Range 79 West of the 6th Principal Meridian lying west of Copper Creek in Grand County, State of Colorado, specifically including purchase rights described in that Warranty Deed from the Bethel Hereford Ranch, Incorporated, to Allyn Wood and Margaret Wood,

recorded in Book 100 at page 238 of the Public Records of said Grand County,

tenances thereunto belonging or in any wise appertaining, and the reversion and reversions, remainder and remainders, rents, issues and profits thereof and all the estate, right, title, interest, claim and demand whatsoever of the said Grantor, either in law or in equity, of, in and to the above bargained premises, with the hereditaments and appurtenances.

TO HAVE AND TO HOLD said premises above bargained and described with the appurtenances unto the said Grantees, their heirs and assigns forever.

And this deed is granted upon the express covenant which shall run with and attach to the above described land and shall bind the Grantees, their heirs, successors and assigns forever, never to divert out of the drainage area of the Williams Fork River that water described in that Warranty Deed from the Fethel Hereford Ranch, Incorporated, to the Grantees, recorded in Book 100 at page 238 of the Public Records of Grand County and 1 cubic foot of water per second of time out of the Bull Run No. 1 Ditch described in that Lease between the parties hereto of even date herewith and deposited for recordation simultaneously with this deed.

The City and County of Denver, acting by and through its Board of Water Commissioners, acquired the real estate which is the subject of this instrument, out of the Water Works Fund of the City and County of Denver, and for the use of the Board of Water Commissioners of said City and County, and at the time of the ensealing and delivery of this instrument, said property was and always has been since the acquisition thereof by the City and County of Denver, under the sole and exclusive control and authority of said Board of Water Commissioners, under and by virtue of the Charter of the City and County of Denver, which reads in part as follows:

"\* \* \*The Board shall have and exercise all the powers of the City and County, granted by the constitution and laws of the state of Colorado, and by the charter in the matter of purchasing, condemning and purchasing, acquiring, constructing, leasing, extending and adding to, maintaining, conducting and operating a water works system and plant for all uses and purposes, and everything necessary pertaining or incidental thereto.\* \* \*"

Said Board has found, determined, and declared, by appropriate resolution, that the above bargained premises are no longer needed for water works purposes of the City and County of Denver, and has authorized its proper officers to execute and deliver this instrument with all the force and effect implied thereby.

And the Grantor, for itself, its successors and assigns, covenants, grants, bargains and agrees to and with the Grantees, their heirs and assigns, the above bargained premises in the quiet and peaceable possession of the said Grantees, their heirs and assigns, against all and every

person or persons lawfully claiming or to claim the whole or any part thereof, by, through or under the said Grantor to WARRANT AND FOREVER DEFEND.

IN WITNESS WHEREOF, the Grantor has executed this Deed as of the day and year first above written, and affixed its seal thereto.

CITY AND COUNTY OF DENVER, acting by and through its BOARD OF WATER COMMISSIONERS

Notary Public

ATTEST:
Robert S. Millan
Secretary
APPROVED:
Engineering Division
Legal Division
Lands and Claims Division
STATE OF COLORADO ) ss.
CITY AND COUNTY OF DENVER )
The foregoing instrument was acknowledged before me
this 78th day of Fiftuary, 1958, by a. P. Humlick
as President and Robert S. Millar as Secretary of the Board of
Water Commissioners of the City and County of Denver.
Witness my hand and official seal.
My Commission expires My Commission expires March 29, 1959
George Fair

THIS DEED, Made this 28 day of August in the year of our Lord one thousand nine hundred and fifty-eight between G. E. FIELD of the County of Grand and State of Colorado, of the first part, and the CITY AND COUNTY OF DENVER, a municipal corporation, acting by, through and for the use of its BOARD OF WATER COMMISSIONERS of the City and County of Denver and State of Colorado, of the second part;

WITNESSETH, That the said party of the first part, for and in consideration of the sum of Ten Dollars and other good and valuable considerations, to the said party of the first part, in hand paid by the said party of the second part, the receipt whereof is hereby confessed and acknowledged, has granted, bargained, sold and conveyed, and by these presents does grant, bargain, sell, convey and confirm unto the said party of the second part, its successors and assigns forever, all the following described lot or parcel of land, situate, lying and being in the County of Grand and State of Colorado, to-wit:









Beginning at the Northwest Section corner of Section 36, Township 1, North, Range 79 West of the Sixth Principal Meridian; thence North 89° 38' East along the East West Section line of said Section, a distance of 637.83 Feet; thence South 21° 21' West, a distance of 522.69 Feet; thence North 82° 28½' West, a distance of 318.08 Feet; thence South 7° 53' East, a distance of 514.01 Feet; thence South 50° 09' East, a distance of 1090.54 Feet; thence South 50° 09' East, a distance of 725.02 Feet; thence South 58° 10½' East, a distance of 998.09 Feet; thence North 85° 28' East, a distance of 183.24 Feet to a point on the North South center line of said section from which the center of said section bears North 1° 3½' East, a distance of 48.21 feet; thence South 88° 20½' East, a distance of 720.39 feet; thence South 58° 59' East, a distance of 206.1 feet; thence South 58° 59' East, a distance of 2231.35 feet, to the North South Section line of said Section; thence South 2° 01' West, along the North South Section line of said section, a distance of 350 feet more or less, to the center of the Williams Fork River; thence westerly along the center line of the Williams Fork River; thence westerly along the center line of the Williams Fork River in said section to the west north south section line of said section; thence north 1° 08' East along

the North South section line of said section, a distance of 1900 feet, more or less, to the point of beginning.

Above described parcel of land containing 130 acres more or less, as shown on the drawing attached hereto and by express agreement made a part hereof.

Together with all and singular the hereditaments and appurtenances thereunto belonging, or in anywise appertaining, and the reversion and reversions, remainder and remainders thereof; and all the estate, right, title, interest, claim and demand whatsoever, of the said party of the first part, either in law or equity, of, in and to the above bargained premises, with the hereditaments and appurtenances; To Have and To Hold the said premises above bargained and described, with the appurtenances, unto the said party of the second part, its successors and assigns forever.

And the said G. E. Field, party of the first part, for himself, his heirs, executors and administrators, does covenant, grant, bargain and agree to and with the said party of the second part, its successors and assigns, the above bargained premises in the quiet and peaceable possession of the said party of the second part, its successors and assigns, against all and every person or persons lawfully claiming or to claim the whole or any part thereof, by, through or under the said party of the first part to WARRANT AND FOREVER DEFEND.

IN WITNESS WHEREOF, The said party of the first part has hereunto set his hand and seal the day and year first above written.

G E Field

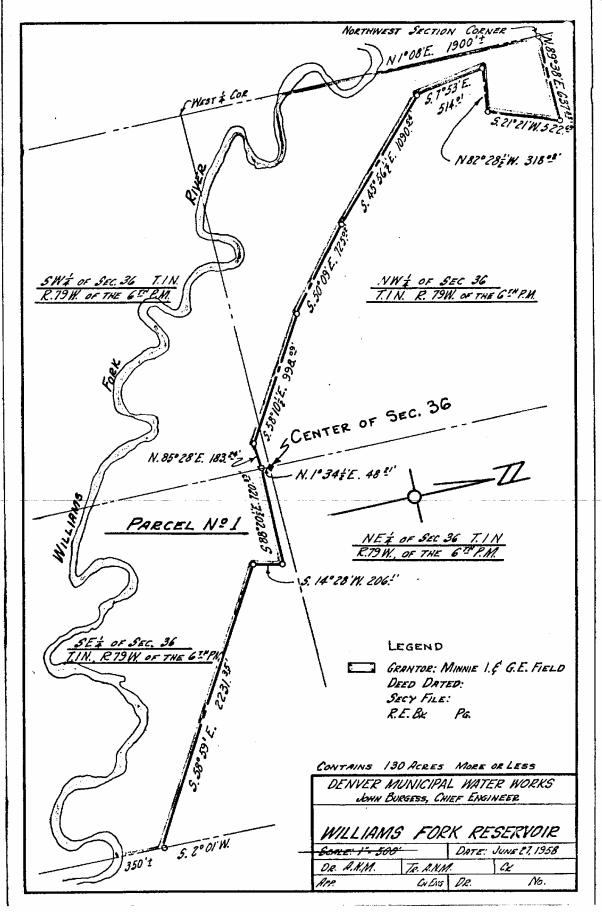
STATE OF COLORADO

County of

ss.

The foregoing instrument was acknowledged before me this \_\_\_\_\_\_\_ A. D. 19\_\_\_\_\_, by G. E. Field.

Notary Public



4 1959 Recorded at 2:26 o'clock 7- M. DON BUCHHEISTER

KNOW ALL MEN BY THESE PRESENTS: That

FLOYD D. CARR ALSO KNOWN AS DEWEY CARR

County of Grand , and State of Colorado. for the consideration of \$10.00 and other valuable

considerations ADGHAMA, in hand paid, hereby sell and convey to the City and County of

Denver, acting by, through and for the use of its Board of Water Commissioners of the City and County of Denver , and

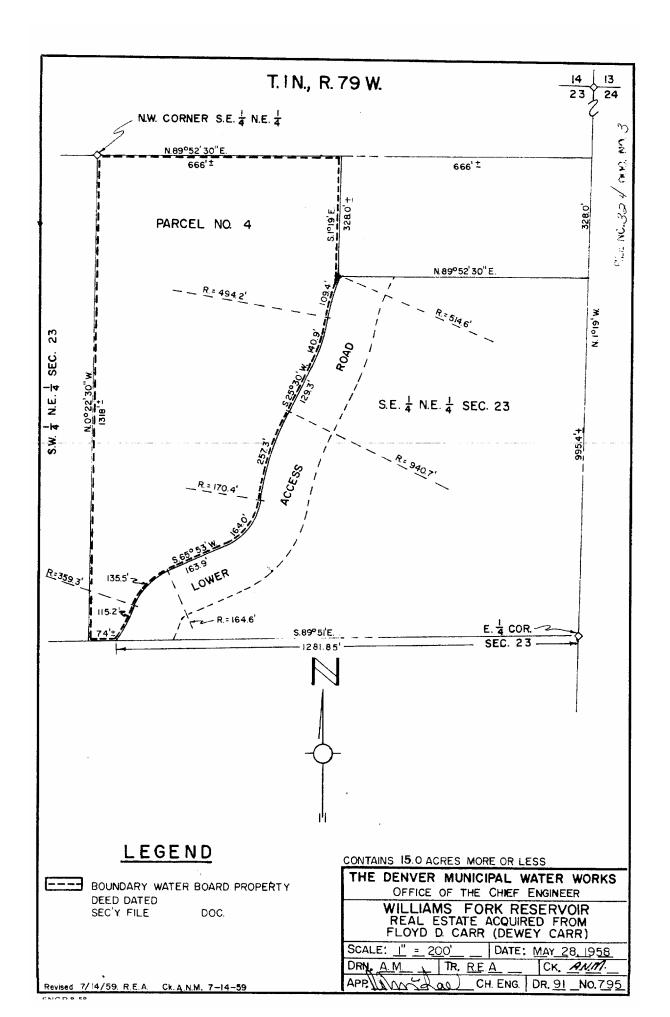
, and State of Colorado, the following real County of Grand and State of Colorado, to-wit: 3

Recorder's Stamp

property, situate in the A parcel of land situated in the West Half of the Southeast Quarter of the Northeast Quarter (Wissiansi) of Section 23, Township 1 North, Dange 79 West of the Sixth Principal Meridian in Grand County, Colorado, enclosed by the following described line: Beginning at a point on the east-west center line of said Section 23 and the westerly right-of-way line of the Williams Fork Reservoir Lower Access Road, whence the East Quarter corner of said Section 23 beens couth 89°51' east a distance of 1231.05 feet; thence north 29°51' west along the east-west center line of said Section 23 a distance of 74 feet more or less to the southwest corner of the southeast guarter of the northeast quarter (CEkNEk) of said Section 23; thence north 8°22'30" west along the west line of the southeast quarter of the northeast quarter (SEANEA) of said Section 23 a distance of 1310 feet more or less to the northwest corner of the southeast quarter of the northeast quarter (CEMNEA) of said Section 23; thence north 89°52'30" east along the north line of the southeast quarter of the northeast quarter (SEMNEM) of said Section 23 a distance of 666 feet more or less to the east line of the West Rolf of the Southeast Quarter of the Northeast Quarter (West Roll) of section 23; thence south  $1^{\circ}19^{\circ}$  east along the east line of west half of the southeast quarter of the northeast quarter (Wighthen's) of said Section 23 a distance of 320.0 feet more or less to the westerly right of way line of the Williams Fork Reservoir Lower Access Road; thence along the ord of a curve to the left having a radius of 514.6 feet, along the westerly right of way line of the Williams Fork Reservoir Lower Access Road a distance of 109.4 feet (the chord of which beers south  $15^{\circ}14'$  went a distance of 109.0 feet); thence along the arc of a curve to the right having  $\epsilon$ relius of 494.2 feet a distance of 140.9 feet(the chord of which bears south  $17^{0}20$  went a distance of 140.4 feet); thence south 25°30' west a distance of 129.3 feet; thence along the arc of a curve to the left having a radius of 940.7 feet a distance of 257.3 feet (the chord of which bears south 17°40' went a distance of 256.0 feet); thence along the arc of a curve to the right having a radius of 170.4 feet a distance of 164.0 feet(the chord of which bears south 37°24' west a distance of 157.7 feet); thence south 65°53' west a distance of 163.9 feet; thence along the arc of a curve to the left having a radius of 164.6 feet a distance of 135.5 feet(the chord of which bears south  $42^{\circ}13^{\circ}$  west a distance of 131.7 feet); thence along the arc of a curve to the right having a radius of 359.3, feet a distance of 115.2 feet more or less the chord of which bears south 27056'

west a distance of 115, feet more or less) to the point of beginning. Above described parcel of land containing 15.0 acres more or less, with all its appurtenences, and warrant the title to the same, subject to the Federal Power Act and taxes for the year of 1959.

Signed and delivered this STATE OF COLORADO County of The foregoing instrument was acknowledged before me this in fire foregoing instrument was acknowledged before in the time of the Floyd D. Carr also known as Dewey Carr Witness my hand and official seal My commission expires 1 ... 21 /965



9A10 1750 ER S. B. Ph. 222 S.... 1 216 H

## KNOW ALL MEN BY THESE PRESENTS: That

FLOYD D. CARR ALSO KNOWN AS DEWEY CARR

County of GRAND for the consideration of

, and State of Colorado,

Dollars.

in hand paid, hereby sell and convey to The City & County of Denver, acting by, through and for the use of its Board of Water Communicationer of the City & County of Denver

property, situate in the

, and State of Colorado, the following real and State of Colorado, to-wit:

Recorder's Stamp

County of Crand

L parcel of land situated in the Coutheast Quarter of the Mortheast Quarter (SEMEL) of Section 23, Township 1 North, Range 79 West of the Sixth Principal Meridian in Cread Sounty, State of Colorado, anclosed by the following described line:

Be inning at the Mortheast Corner of the Boutheast Ourter of the Mortheast Quarter (SIMMEL) of said Section 23; thence couth 39°52'30' West along the Morth line of the Southeast Quarter of the Northeast Quarter (CENEW) of said Section 23 a distance of 666 Seet more or less; thence South 1º12' East and parellel to the Mast line of axid Lection 23 a distance of 320 Seet; thence North 39º52'30" East and parellel to the North Line of the Southeast Cuarter of the Northeast Cuarter (SEANEA) of said Section 23 a distance of (66 feet more or less to a point on the East Line of said Section 23; thence Morth 1019' West along the East Line of said Certion 23 a distance of 320 feet to the point of beginning. Contains 5.01 acres more or less.

The sole purpose of this deed is to correct the description set forth in the deed between the parties hereto dated Junuary 21, 1957 and recorded in the public records of Crand County, April 22, 1957 at Page 403 of Book 120.

with all its appurtenances, and warrant the title to the same, subject: to the Federal Rower out and taxes for the year of 1950.

(SEAL)

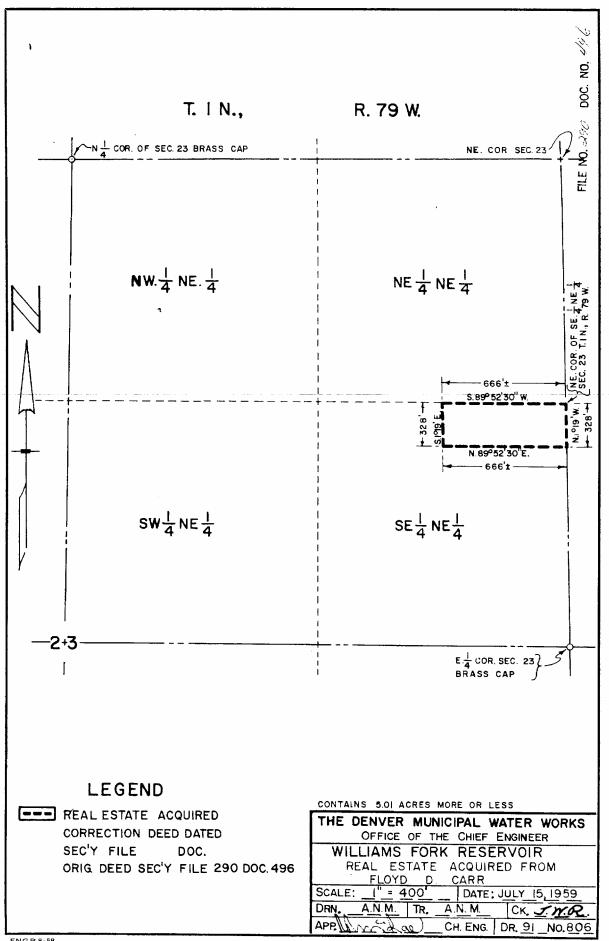
STATE OF COLORADO County of

The loregoing instrument was acknowledged before me this

Floyd 3. Carr also known as Dewey Carr

Witness my hand and official seal

My commission expires



ENGR 8-58

GENERAL WARRANTY DEED

THIS DEED, Nade this 22 day of March.

The City and County of Denver 1941, between City and County of Denver, a municipal corporation existing under and by virtue of Article XX of the Constitution of the State of Colorado, and a Charter and amendments thereto, heretofore duly adopted, and further by virtue of the laws of the State of Colorado, hereinafter sometimes referred to as "City", party of the first part, and the United States of America, hereinafter sometimes called "United States", party of the second part, W I T N E S S E T H:

## Recitation

The officers of the City who have executed this instrument certify that the same is executed under Section 7 of the Charter of the City and County of Denver and further certify that said section, in its pertinent parts, is as follows:

"All bonds, contracts or other instruments of writing, requiring the assent of the city and county, shall be subscribed by the Mayor \* \* \* under the seal of the City and county, and attested by the Clerk. \* \* \* "

The consideration for this conveyance to the United States of the land hereinafter described is the exchange therefor of not exceeding an equal value of certain other lands.

The exchange of lands, for the accomplishment of which this deed is given, is to be made under the Act of Congress of March 20, 1922 (42 Stat. 465), as amended by the Act of February 28, 1925 (43 Stat. 1090).

No revenue stamps are affixed to this document because the grantor is a subdivision of the State of Colorado

BLE: 290 332

(See Sec. 801, ch. 27, Revenue Act of 1924, 44 Stat. 99).

## Conveyance and Warranty

In consideration of the foregoing the City has granted, bargained, sold and conveyed and by these presents does grant, bargain, sell, convey and confirm unto the United States and its successors and assigns forever, all the following described lot or parcel of land situate, lying and being in the County of Grand and State of Colorado, to-wit:

The Southeast Quarter (SE1) of the Southeast Quarter (SE1) of Section Ten (10); the Southwest Quarter (SW1) of the Northwest Quarter (NW1; and the West One-half of the Southwest Quarter (W2SW1) of Section Eleven (11), Township One (1) South, Range Seventy-eight (78) West of the 6th P. M.,

together with all and singular the hereditaments and appurtenances thereunto belonging, or in anywise appertaining, and the
reversion and reversions, remainder and remainders, rents,
issues and profits thereof; and all the estate, right, title,
interest, claim and demand whatsoever of the City, either in
law or equity, of, in and to the above bargained premises,
with the hereditaments and appurtenances.

and described, with the appurtenances, unto the United States, its successors and assigns forever. And said City, for itself, its successors and assigns, does covenant, grant, bargain and agree to and with the United States, its successors and assigns, that at the time of the ensealing and delivery of these presents, it is well seized of the premises above conveyed, as of good, sure, perfect, absolute and indefeasible estate of inheritance, in law, in fee simple, and has good right, full power and lawful authority to grant, bargain, sell and convey the same in

manner and form as aforesaid, and that the same are free and clear from all former and other grants, bargains, sales, liens, taxes, assessments and encumbrances of whatever kind or nature soever; and the above bargained premises in the quiet and peaceable possession of the United States and its successors and assigns, against all and every person or persons lawfully claiming or to claim the whole or any part thereof, said City shall and will warrant and forever defend.

IN WITNESS WHEREOF, said City has caused this instrument to be signed, sealed and delivered by its proper officers as of the day and year first above written.

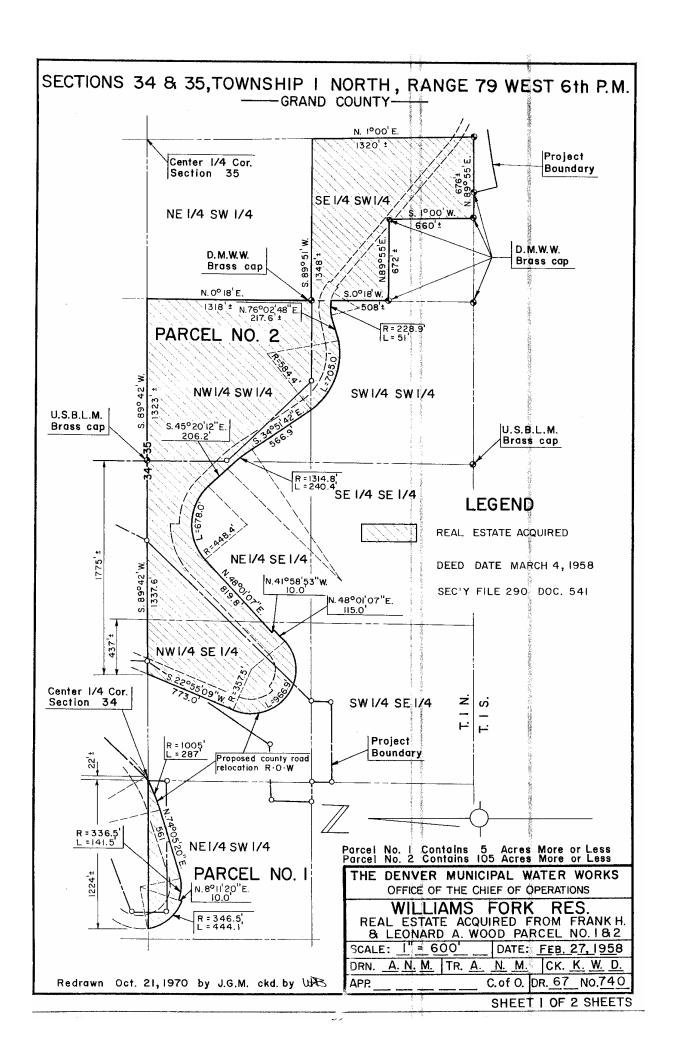
ATTEST:	Mayor.
GEORGE F. ROCK, City Clerk,	•
Ву	<b>I</b> .
Deputy.	Final Execution
	Ellan
Countersigned and Registered:	
Auditor.	
Approved as to Form:	
MALCOLM LINDSEY, City and County Attorney,	
Ву	

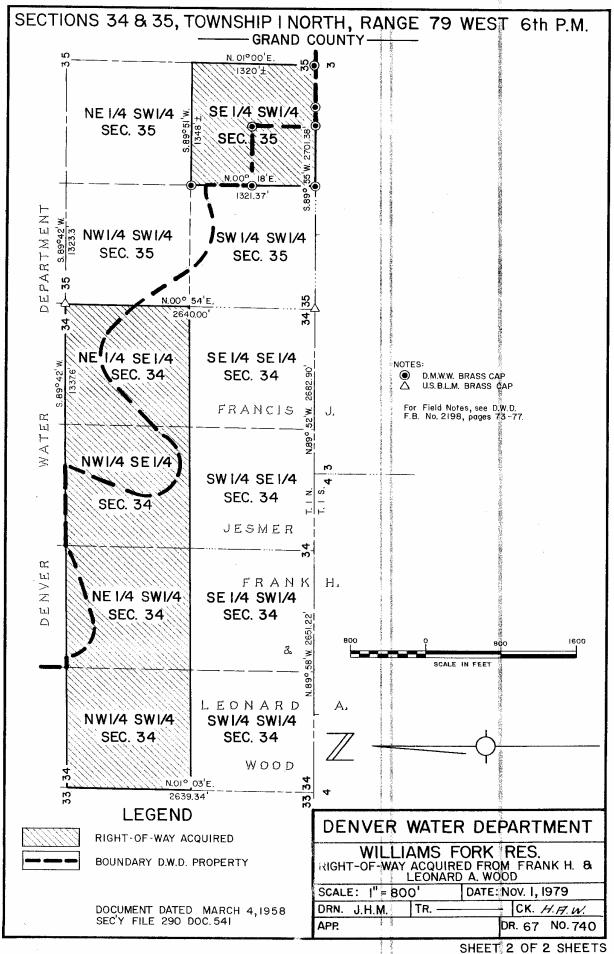
Assistant.

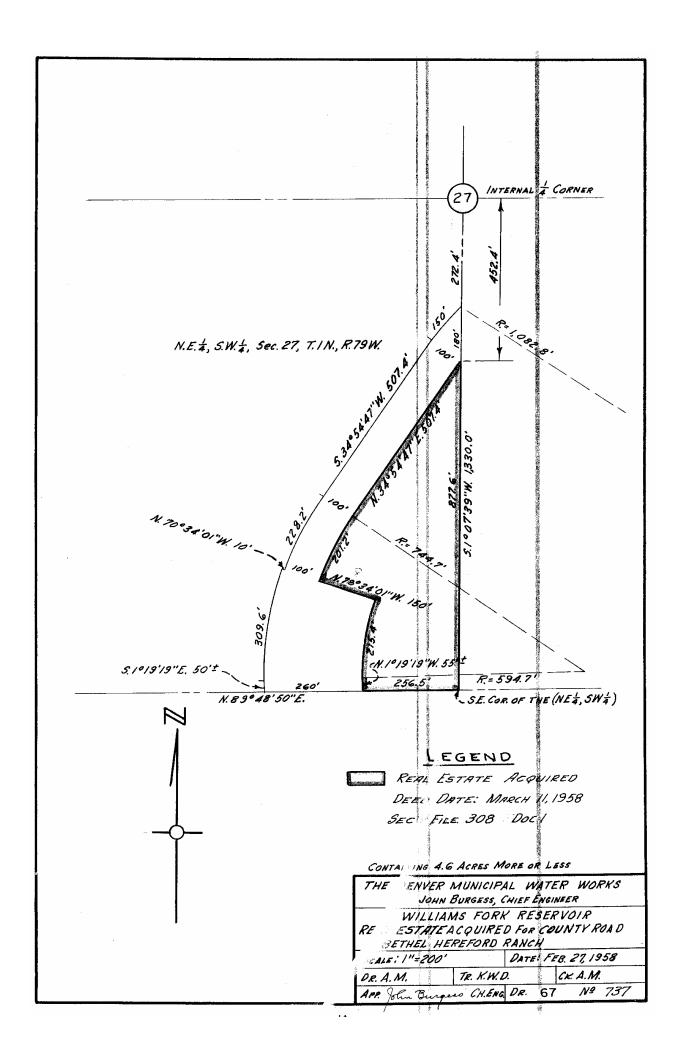
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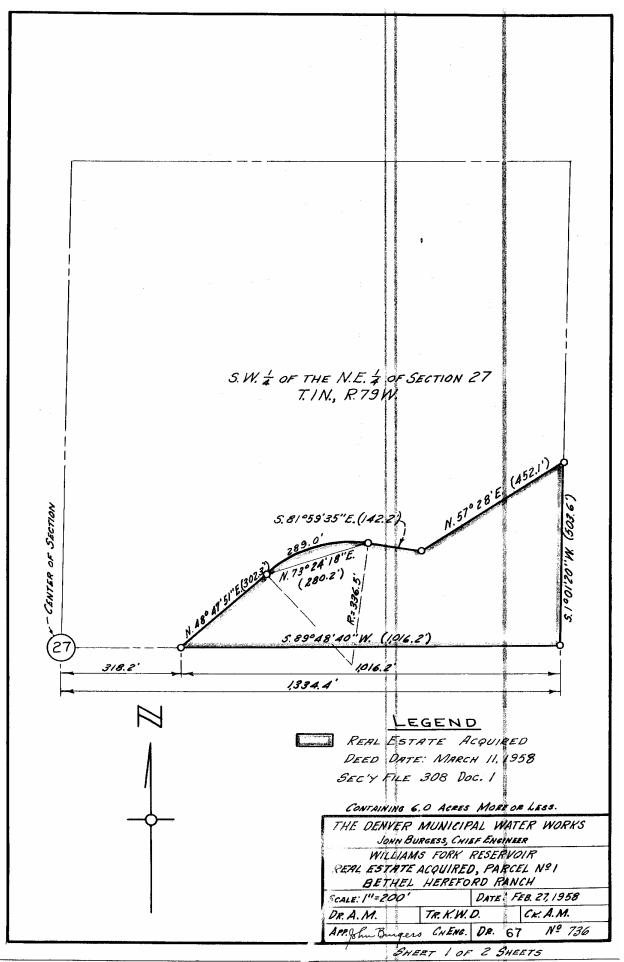
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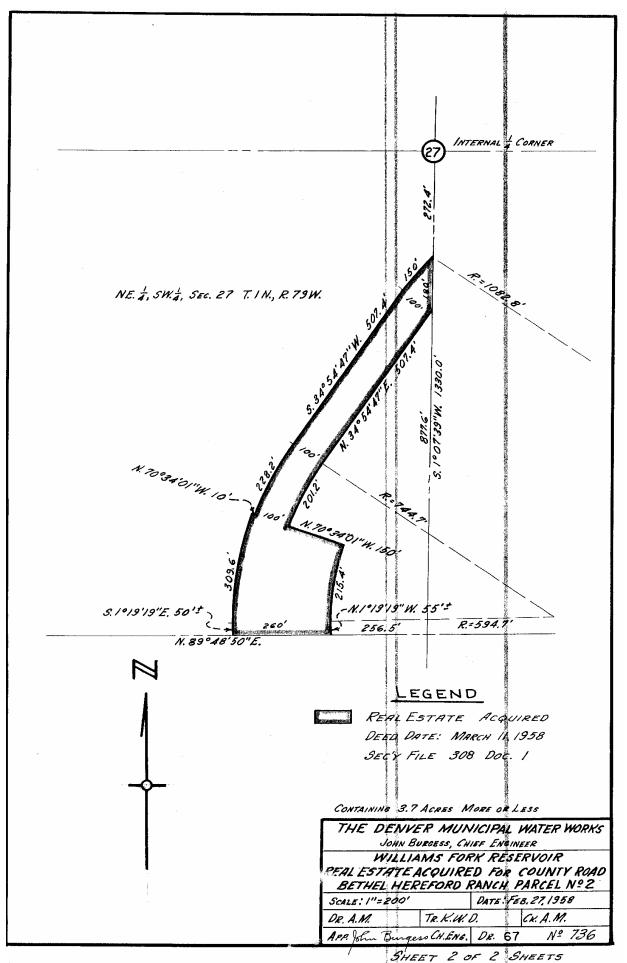
me ours	day of	, 1941, by
Ben F. Star	leton as Mayor, and Georg	e F. Rock as Clerk and
Recorder, P	x-officio Clerk of the Ci	ty and County of Denver,
both acting	in their official capaci	ties for said City and
County of D	enver, and known by me to	be so acting.
A	y commission expires	
Į.	itness my hand and officia	al seal.

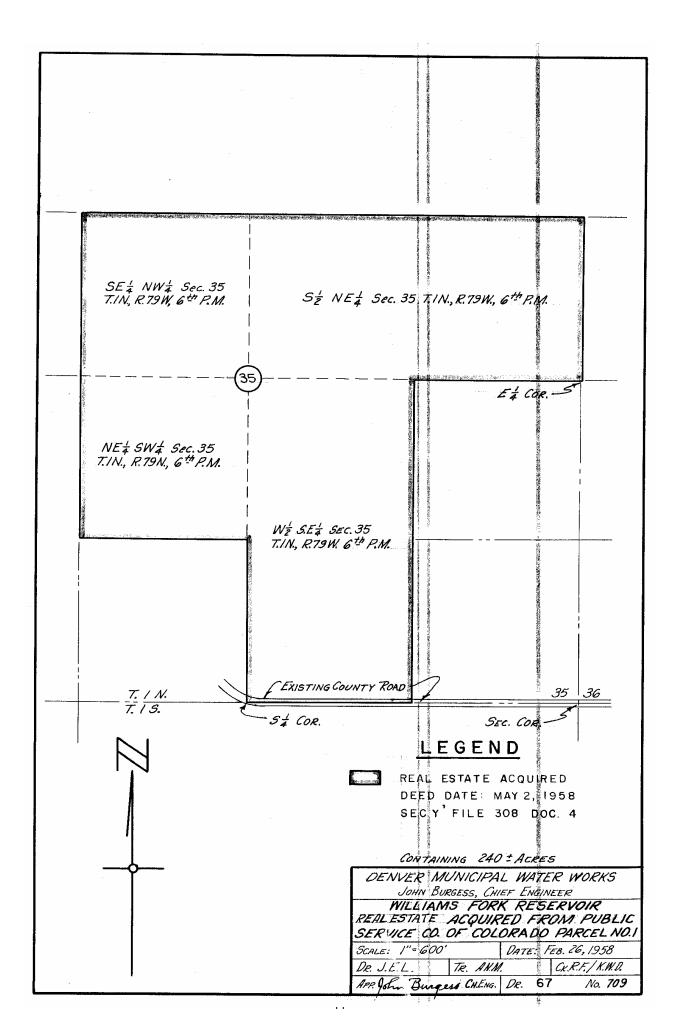




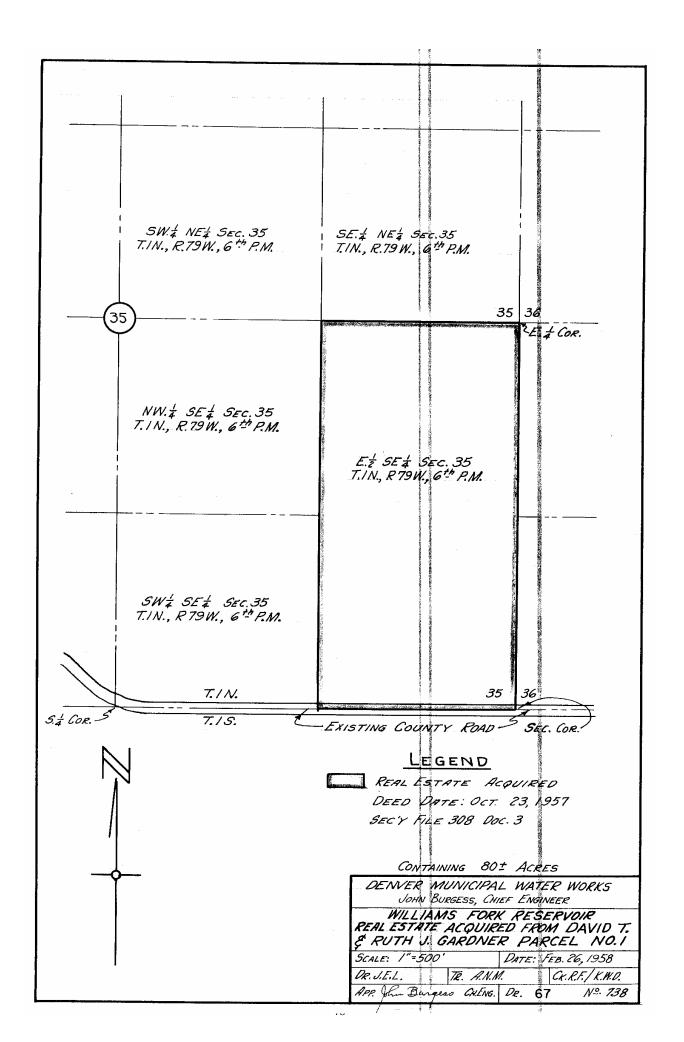


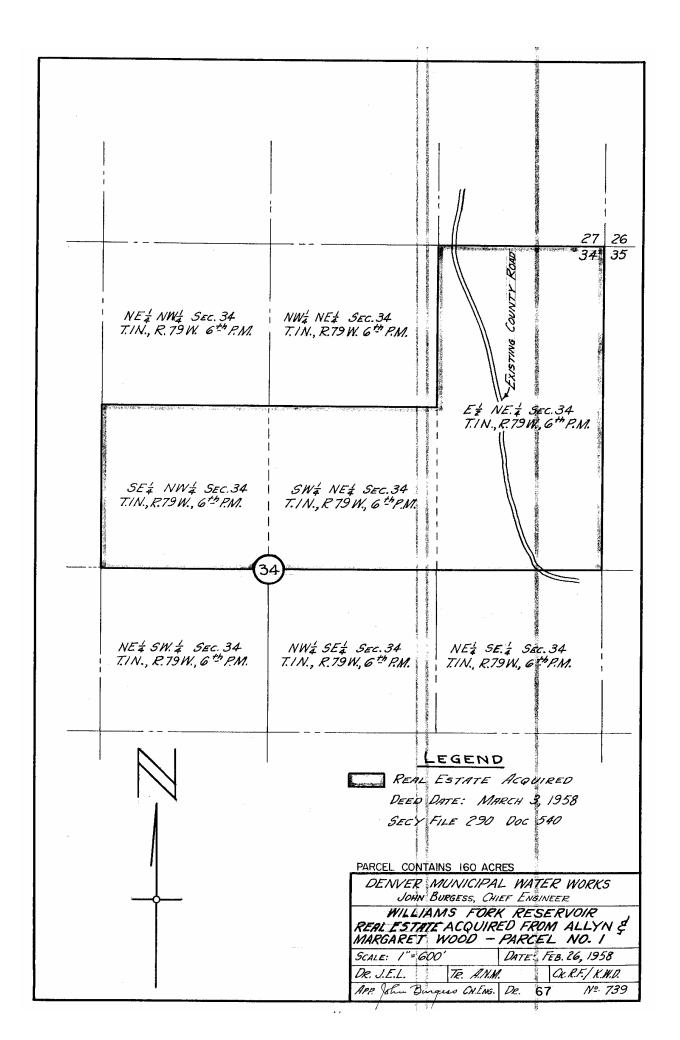


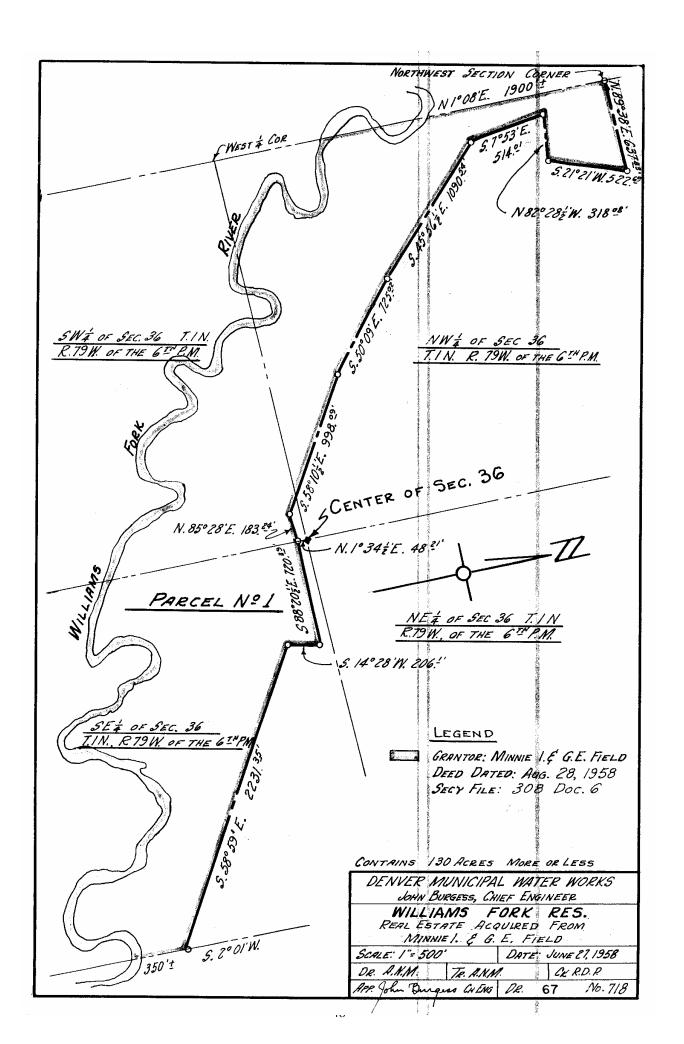


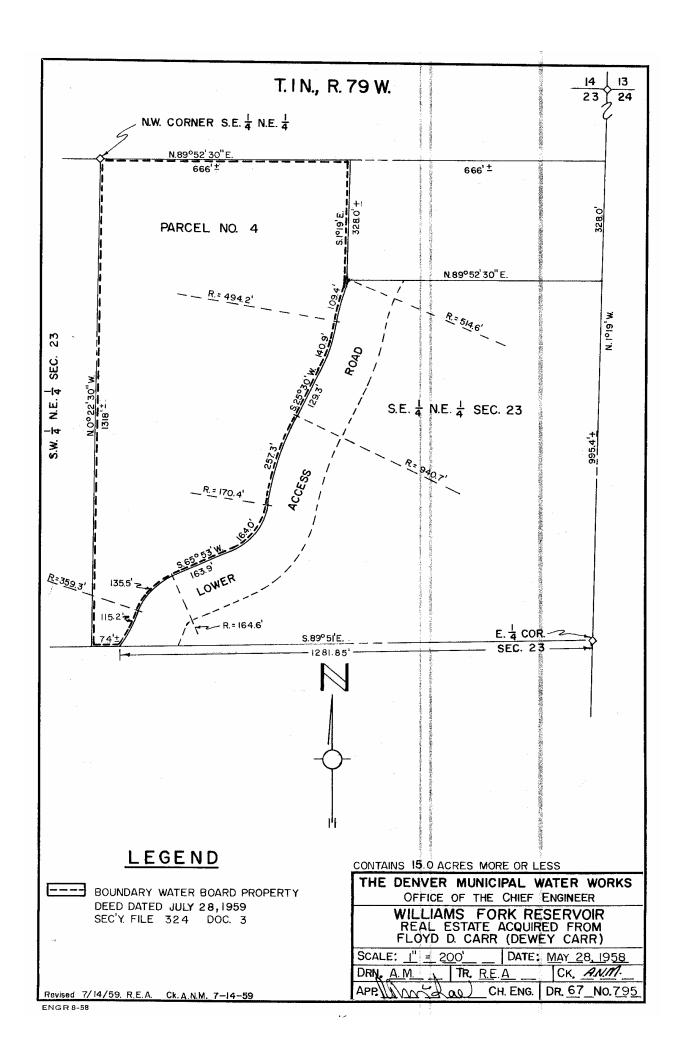


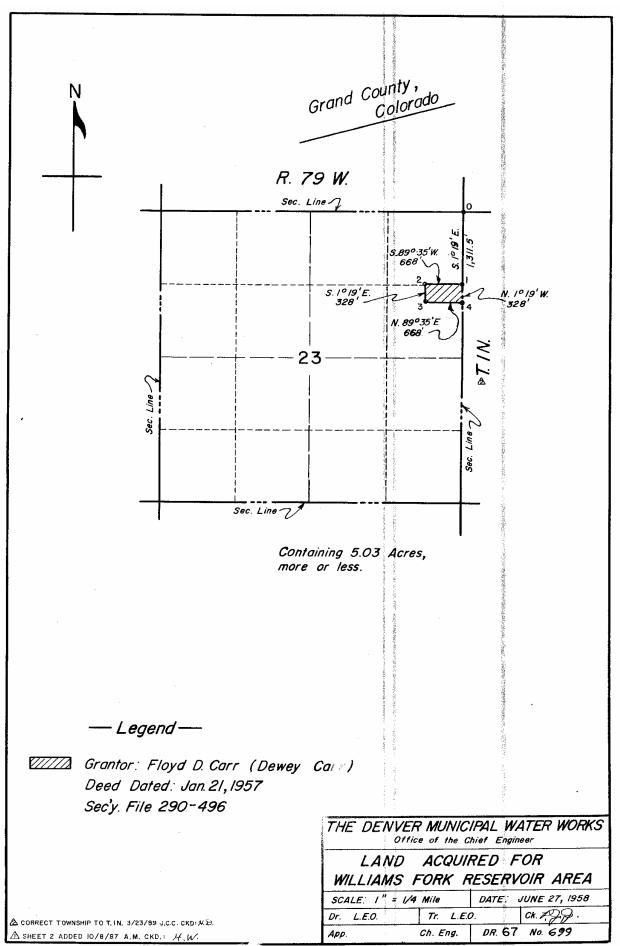
SW & SEC. 25, T.IN., R.79W. SE 4 SEC. 26, T.IN., R. 79 W., 6TH P.M. S. 89°36'W. 1,373'± S. 89°36'W. 991.4' 26 25 N. 89°38'E. 991.5' N. 89°50' E. 1393' ± 35 36 CONTAINING 111.0 ACRES MORE OR LESS DENVER MUNICIPAL WATER WORKS **LEGEND** OFFICE OF THE CHIEF ENGINEER WILLIAMS FORK RESERVOIR
REAL ESTATE ACQUIRED FROM
HARRY G. 8 MYRLIE KNAPP REAL ESTATE ACQUIRED COURT DECREE DATED SEPT. 23,1959 SCALE: 1"= 500" DATE: MARCH 3,1958 SEC'Y. FILE 308 DOC. 13 TR. K.W.D. CK. R.F./A.M. DR. J.E.L. APP. Windalch. ENG. DR. 67 No. 842

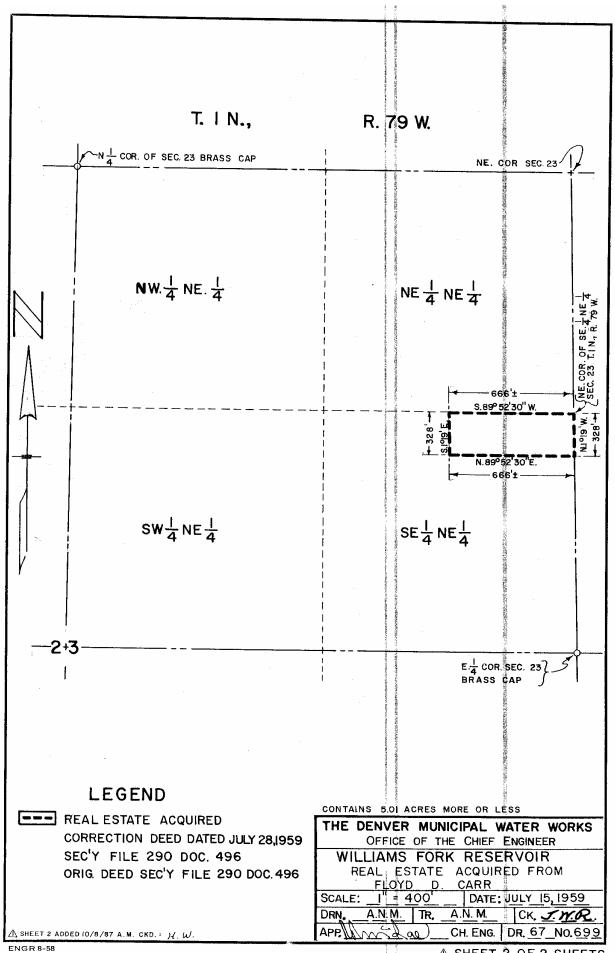












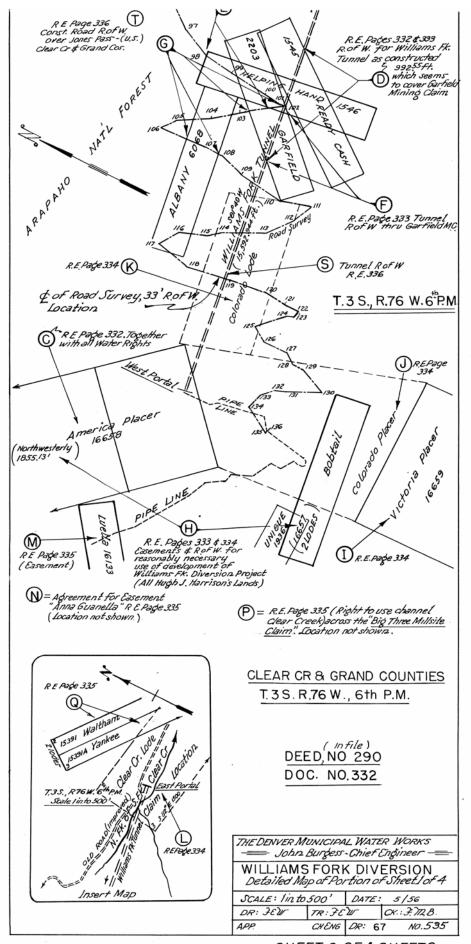
For: JEFFP			RIMS.	31 - Property Q	uery Res	sults		11/19/2004	11:18:55	A	Page:	1
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			**									
ran 0					Document		Recording	Recording				
Seq Ver Grantor	QtrQtr Qtr Sect ?	fown Rng Parcel	Sec File	Agreement	Date	Document	Data	Date	Acres	Amount	Remarks	
0 V CARR, FLOYD D	SE 1/4 NE 1/4 23	1N 79 0670699,	290496	REAL ESTATE ACQU	01/21/1957	QUIT CLAIM	B01200403	04/22/1957	5.01	\$300		
1 CARR, FLOYD D							B01290511	08/04/1959				
ROP FACILITY	COUNTY		STATU							Acres Reta		
125 WILLIAMS FORK RES	GRAND		λ									
ran 0					Document		Recording	Recording				
Seq Ver Grantor	QtrQtr Qtr Sect ?	Town Rng Parcel	Sec File	Agreement	Date	Document	Data	Date	Acres	Amount	Remarks	
0 V CARR, FLOYD D	SE 1/4 NE 1/4 23	ln 79 0670795	324003	REAL ESTATE ACQU	07/28/1959	GENERAL WA	B01290512	08/04/1959	15	\$700	HOUSING AR	EA
ROP FACILITY	COUNTY		STATU	S						Acres Retai		
126 WILLIAMS FORK RES	GRAND		A									90000000
										,		
ran 0					Document		Recording	Recording				
Seq Ver Grantor	QtrQtr Qtr Sect 1	Town Rng Parcel	Sec File	Agreement	Date	Document	Data	Date	Acres	Amount	Remarks	
0 V DENVER, CITY AND COUNTY O	NW 1/4 SE 1/4 26	1N 79 0670535	290332	REAL ESTATE ACQU	06/30/1955	GENERAL WA	R00080537	07/09/1955	600	\$32,322		
1	SE 1/4 SE 1/4 27	1 <b>n</b> 79										
2	NE 1/4 NE 1/4 35	1N 79										
3	SW 1/4 SE 1/4 26	1N 79										
4	SW 1/4 26	1N 79										
5	NW 1/4 26	1n 79										
6	SW 1/4 SE 1/4 27	ln 79										
7	NW 1/4 NE 1/4 35	1N 79										
ROP FACILITY	COUNTY		STATUS	3					130	Acres Retai		
128 WILLIAMS FORK RES	GRAND		A									
TEU HILLIAMO FORE RES	GRAND											
ran 0					Document		Recording	Recording				
Seq Ver Grantor	QtrQtr Qtr Sect 1	Yown Rng Parcel	Sec File	Agreement	Date	Document	Data	Date	Acres	Amount	Remarks	
0 V FIELD, GEORGE E	NW 1/4 36	ln 79 0670718 /	308006	REAL ESTATE ACQU	08/28/1958	GENERAL WA	B01270154	09/02/1958	130	\$15,000		
1	SW 1/4 36	1N 79										
±	2M T/# 20	TT4 12										

	For: JEFFP			RIMS	31 - Property (	Query Res	ults		11/19/2004	11:19:00	<u> </u>	Page: 2	
PROP	FACILITY	COUNTY		STATU	3						Acres Retai	ined	
00129	WILLIAMS FORK RES	GRAND		A									
Tran	0					Document		Recording	Recording			_	
Se	eq Ver Grantor	QtrQtr Qtr Sect T	own Rng Parcel		_	Date	Document	Data	Date	Acres		Remarks	
	0 V GARDNER, DAVID T	NE 1/4 SE 1/4 35		308003	REAL ESTATE ACQU	10/23/1957	GENERAL WA	B01230043	10/28/1957	80	\$18,000		
	1 GARDNER, RUTH J	SE 1/4 SE 1/4 35	1N 79										
PROP	FACILITY	COUNTY		STATUS	5					111 2	cres Retai	ined	0,000,000,000,000,000
00134	WILLIAMS FORK RES	GRAND		λ									
Tran Se	0 eq Ver Grantor	QtrQtr Qtr Sect T	Nown Rng Parcel	Sec File	Agreement	Document Date	Document	Recording Data	Recording Date	Acres	Amount	Remarks	
	0 V KNAPP, HARRY G	SW 1/4 25	1N 79 0670842	308013	REAL ESTATE ACQU	09/23/1959	RULE & ORD	B01310584	03/28/1960	111	\$7,543		
	1 KNAPP, MYRLIE	SE 1/4 26	1N 79										
PROP	FACILITY	COUNTY		STATUS	5 4					160 A	cres Retai	ineđ	
00135	WILLIAMS FORK RES	grand		A									
Tran	0			· · · · · ·									
	eq Ver Grantor	OtrOtr Otr Sect T	'own Rng Parcel	Sec File	Agreement.	Document Date	Document	Recording Data	Recording Date	Acres	Amount.	Remarks	
90	0 V WOOD, ALLYN	NE 1/4 NE 1/4 34	-		REAL ESTATE ACQU				03/04/1958	160	\$3,000		
	1 WOOD, MARGARET	SW 1/4 NE 1/4 34	1N 79 0070733	250540	KLAD EDIATE ACQU	03/03/1330	GENERAL WA	D01230000	03,04,1330	100	<b>4</b> 5,000		
	2	SE 1/4 NW 1/4 34	1N 79										
	3	SE 1/4 NW 1/4 34 SE 1/4 NE 1/4 34	in 79										
	FACILITY	COUNTY	IN 75	STATUS	3					2 <b>4</b> 0 #	cres Retai	ineđ	
PROP													
PROP 00138	WILLIAMS FORK RES	GRAND		A									
00138		GRAND		A									
00138 Tran	0	GRAND  QtrQtr Qtr Sect T	own Rng Parcel		Agreement	Document Date	Document	Recording Data	Recording Date	Acres	Amount	Remarks	
00138 Tran	0 eq Ver Grantor	QtrQtr Qtr Sect T	_	Sec File	-	Date		Data	Recording Date 05/07/1958	Acres	Amount	Remarks INCLUDES WAT	er righ
00138 Tran	0 Q Ver Grantor 0 V PUBLIC SERVICE CO OF COLO	QtrQtr Qtr Sect T	1N 79 0670709	Sec File	Agreement REAL ESTATE ACQU	Date		Data	Date				ER RIGH
00138 Tran	0 eq Ver Grantor	QtrQtr Qtr Sect T	_	Sec File	-	Date		Data	Date				TER RIGH

	For: JEFFP		RIMS3	1 - Property Q	uery Resi	ults		11/19/2004	4 11:19:04	A	Page:	3
ROP	FACILITY	COUNTY	STATUS							Acres Retai		
144	WILLIAMS FORK RES	GRAND	A									
ran	0				Document		Recording	Recording				
Se	eq Ver Grantor	QtrQtr Qtr Sect To	wn Rng Parcel Sec File	Agreement	Date	Document	Data	Date	Acres	Amount	Remarks	
	0 V WOOD, LEONARD A	SE 1/4 34	ln 79 0670740 290541	REAL ESTATE ACQU	03/04/1958	DEED OTHER	B01230601	03/04/1958	110	\$40,000		
	1 WOOD, FRANK	SW 1/4 34	ln 79									
	2	SE 1/4 35	ln 79									
	3	SW 1/4 35	ln 79									
ROP	FACILITY	COUNTY	STATUS						9.7	Acres Retai	ined	
663	WILLIAMS FORK RES	GR <b>AN</b> D	A									
	0 eq Ver Grantor	QtrQtr Qtr Sect To	wn Rng Parcel Sec File	Agreement	Document Date	Document	Recording Data	Recording Date	Acres	Amount	Remarks	
	0 V BETHEL HEREFORD RANCH I	NC SW 1/4 NE 1/4 27	IN 79 0670736 < 308001	REAL ESTATE ACQU	01/29/1958	GENERAL WA	B01230448	02/05/1958	9.7	\$1,000		
	1	NE 1/4 SW 1/4 27	ın 79						,			
OP	FACILITY	COUNTY	STATUS							Acres Retai		
665	WILLIAMS FORK RES	grand	A									
an Se	0 eq Ver Grantor	QtrQtr Qtr Sect Tov	wn Rng Parcel Sec File	Agreement	Document Date	Document	Recording Data	Recording Date	Acres	Amount	Remarks	
	0 V BETHEL HEREFORD RANCH I	NC NE 1/4 SW 1/4 27	1N 79 0670737′ 308001	REAL ESTATE ACQU	03/11/1958	GENERAL WA	B01260005	03/17/1958	4.6	\$500		
OP	FACILITY	COUNTY	STATUS						1 2	Acres Retai	ned	
666	WILLIAMS FORK RES	GRAND	A									
an	0				Document		Recording	Recording				
Se	eq Ver Grantor	QtrQtr Qtr Sect Tov	wn Rng Parcel Sec File	Agreement	Date	Document	Data	Date	Acres	Amount	Remarks	
	0 V BETHEL HEREFORD RANCH I	NC SW 1/4 NW 1/4 30	ln 79 0671166 308019	REAL ESTATE ACQU	03/29/1963	GENERAL WA	B01430001	04/01/1963	1	\$50		
	1						B01440051	07/15/1963				

	For: JEFFP		·	RIMS3	31 - Property Q	uery Res	ults	 11/19/2004	11:19:08	Λ	Page:	4
PROP :	FACILITY	COUNTY		STATUS	S					Acres Retai	ined	
8308	WILLIAMS FORK RES	gr <b>an</b> d		A							***************************************	

For: JEFFP		RIMS31 - Property (	Query Results		11/19/2004	11:19:41	4 1	Page: 1
PROP FACILITY 00131 WILLIAMS FORK RES	COUNTY GRAND	STATUS A				3 <b>A</b>	cres Retair	ned
Tran 0 Seq Ver Grantor	QtrQtr Qtr Sect Town Rng Parc	cel Sec File Agreement	Document Date Document	Recording Data	Recording Date	Acres	Amount	Remarks
0 V JESMER, FRANCIS J	NE 1/4 NE 1/4 3 1S 79 0670	707 · 308005 REAL ESTATE ACQU	10/14/1958 GENERAL WA	B01270399	10/17/1958	3	\$1,500	
PROP FACILITY	COUNTY	STATUS				0 A	cres Retair	neđ
06626 WILLIAMS FORK RES	GRAND	A						
Fran 0 Seq Ver Grantor	QtrQtr Qtr Sect Town Rng Parc	cel Sec File Agreement	Document Date Document	Recording Data	Recording Date	Acres	Amount	Remarks
0 U EPPERSON, DONALD L	LOT 3 1 1s 79 9400	308099 REAL ESTATE ACQU	09/12/1995 GENERAL WA	R95007884	09/14/1995	0	\$10	



SHEET 2 OF 4 SHEETS